11196

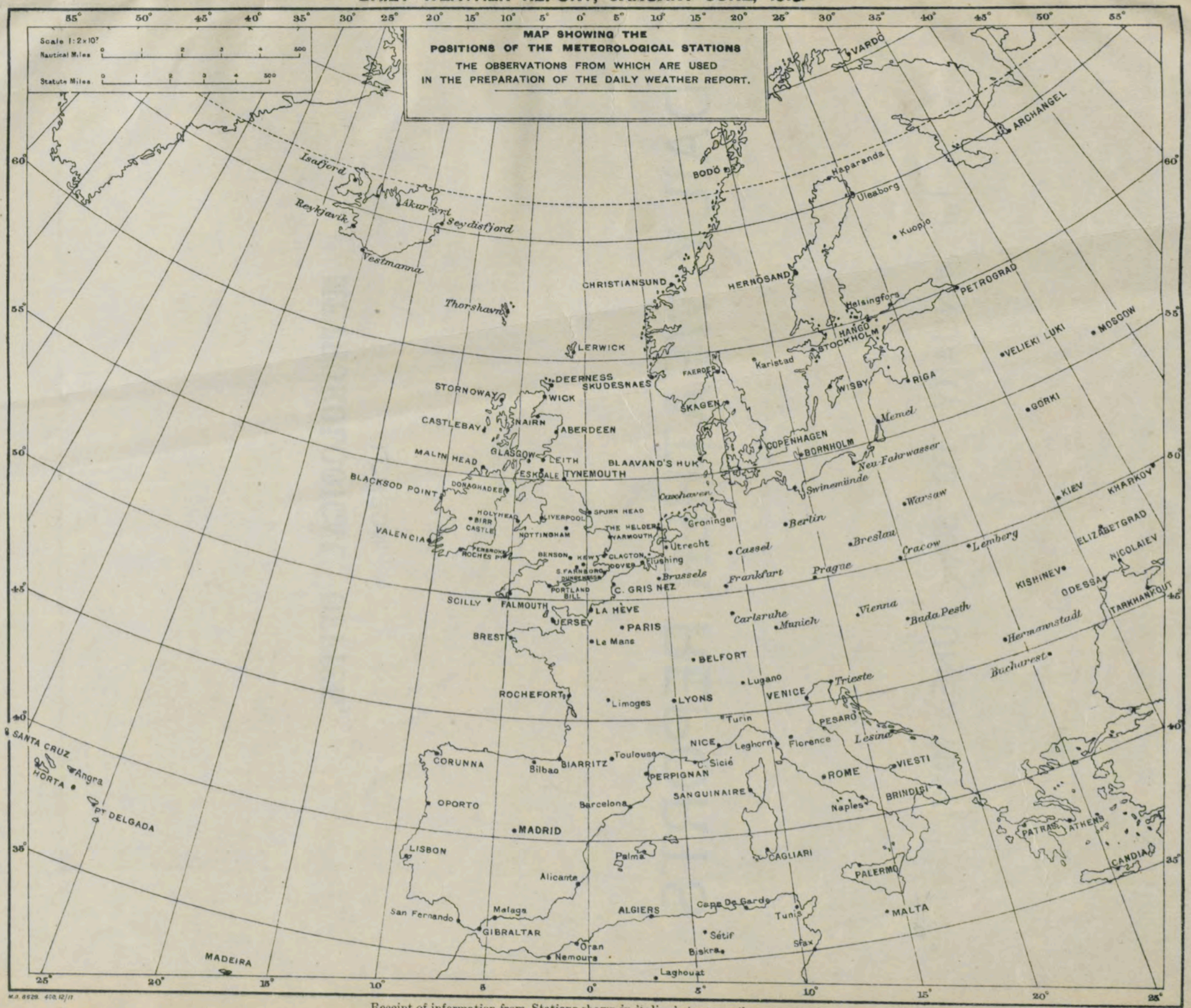
METEOROLOGICAL OFFICE,

LONDON.

DAILY WEATHER REPORTS

1ST JANUARY TO 30TH JUNE, 1918.

DAILY WEATHER REPORT, JANUARY–JUNE, 1913.



Receipt of information from Stations shown in italics is temporarily suspended.

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NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

FIRST QUARTER, JANUARY TO MARCH.

(Issued as a Supplement to the Daily Weather Report of April 1st.)

	STATIONS.	PRESSURE. 1906-1915. 7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE. Means of 1906-1915. Dry Bulb 7 a.m.	Means of 1881-1915. Daily Maximum.	Means of 1881-1915. Daily Minimum.	Absolute Extremes. 1881-1915. Maximum. Temp.	Maximum. Year.	Minimum. Temp.	Minimum. Year.	RAINFALL. 1881-1915. Days with Rain.	Total Fall.		BRIGHT SUNSHINE. 1881-1915. Daily Mean.	Per Centage of Possible Duration.
		mb.	°F.	°F.	°F.	°F.		°F.			mm.	in.	hr.	%
JANUARY.	Lerwick	1007·0	39·6	42·6	35·6	52	1898	? 16	1910	27	108	4·26	—	—
	Stornoway	1008·3	40·3	43·7	34·9	55	1890	11	1881	25	131	5·17	0·90	13
	Castlebay (Barra Isd.)	[1009·0]§	[43·0]§	[45·6]§	[39·3]§	[52]§	[1908, 09, 10, 14]§	[28]§	[1910]§	[24]§	[80]§	[3·16]§	[0·97]§	[13]§
	Eskdalemuir	[1012·7]¶	[34·8]¶	[39·6]‖	[30·4]‖	[51]‖	[1910, 11, 15]‖	[3]‖	[1910]‖	[21]‖	[114]‖	[4·48]‖	[1·03]‖	[14]‖
	Malin Head	1010·3	41·1	[44·4]*	[37·4]*	[55]*	[1898]*	[23]*	[1894]*	[22]*	[66]*	[2·61]*	—	—
	Blacksod Point	1011·9	43·7	[46·5]*	[38·8]*	[56]*	[1890]*	[26]*	[1891, 94]*	[25]*	[129]*	[5·09]*	—	—
	Valencia	1014·9	44·4	48·5	40·2	55	1882,3,4,8,90,98,1901	20	1894	24	139	5·49	1·55	19
	Roche's Point	1016·0	43·2	47·5	39·4	57	1889	20	1894	21	105	4·15	—	—
	Birr Castle	1014·3	39·3	45·2	34·3	57	1898	6	1881, 94	20	72	2·83	1·61	20
	Donaghadee	1013·5	40·5	44·8	36·3	58	1898	14	1881	20	64	2·53	—	—
	Liverpool (Observatory)	1015·4	38·7	43·3	35·3	58	1898	9	1881	17	54	2·12	[1·94]§	[24]§
	Holyhead	1014·8	42·3	45·2	38·4	54	1899, 1915	20	1894	19	74	2·91	[1·42]**	[18]**
	Pembroke (St. Ann's Hd.)	1015·5	42·9	45·9	39·4	53	1899, 1907, 14	19	1881, 94, 1907	20	84	3·31	1·71	21
	Scilly (St. Mary's)	1017·3	45·6	49·1	42·3	57	1899	25	1894	21	76	2·98	1·90	23
	Falmouth	1018·0	43·1	46·9	39·9	55	1888, 90, 96	20	1894	20	107	4·21	1·87	22
	Jersey (St. Aubin's)	1019·0	42·8	46·6	38·6	57	1899	12	1891	20	75	2·94	2·19	26
	Portland Bill	1016·5	43·0	45·5	38·7	[52]†	[1901, 03, 05,† 11, 12, 13, 15]	[23]†	[1907]†	16	57	2·26	—	—
	Dungeness	1016·6	39·4	43·8	34·7	55	1898	11	1893	16	48	1·90	—	—
	Dover	[1015·5]§	[38·1]§	[43·2]§	[34·4]§	[55]§	[1914]§	[17]§	[1910]§	[18]§	[57]§	[2·25]§	[2·10]§	[25]§
	Wick	1008·5	38·0	42·5	33·3	60	1898	−4	1881	21	62	2·46	—	—
	Nairn	1009·5	36·9	42·6	31·8	59	1887	4	1910	18	51	1·99	[1·32]‡	[18]‡
	Aberdeen	1011·1	37·1	42·3	33·4	59	1898	4	1881	18	55	2·18	1·55	21
	Leith	1012·0	39·2	44·0	34·2	58	1898	9	1881	15	42	1·66	—	—
	Tynemouth	1013·5	38·5	43·5	33·6	58	1898	6	1881	15	41	1·63	—	—
	Spurn Head	1014·3	38·3	42·1	34·7	55	1898	13	1881	15	35	1·36	[1·29]**	[16]**
	Yarmouth	1015·9	37·8	41·8	33·7	57	1899	10	1881	18	44	1·74	[1·81]§	[22]§
	Clacton-on-Sea	1016·8	37·7	41·8	33·9	[55]‡	[1914]‡	[18]‡	[1915]‡	14	34	1·34	1·87	23
	Nottingham	1015·7	37·1	42·6	32·6	56	1882, 88, 98, 99 1908, 10, 14	2	1881	19	46	1·81	1·10	14
	LONDON (Kew Obsy.)	1017·5	38·3	43·1	34·6	56	1910	9	1881	16	45	1·76	1·39	17
FEBRUARY.	Lerwick	1002·6	39·0	42·1	34·5	53	1910	17	1895	23	80	3·16	—	—
	Stornoway	1004·0	39·2	44·1	34·2	55	1891	12	1892	22	113	4·46	2·06	22
	Castlebay (Barra Isd.)	[1005·0]§	[42·7]§	[45·8]§	[38·9]§	[52]§	[1914]§	[27]§	[1912]§	[22]§	[91]§	[3·58]§	[1·76]§	[19]§
	Eskdalemuir	[1007·6]¶	[35·4]¶	[41·9]‖	[31·6]‖	[51]‖	[1912]‖	[10]‖	[1912]‖	[22]‖	[183]‖	[7·19]‖	[1·60]‖	[16]‖
	Malin Head	1005·8	40·7	[44·6]*	[37·1]*	[59]*	[1891]*	[20]*	[1895]*	[19]*	[61]*	[2·41]*	—	—
	Blacksod Point	1008·0	42·9	[46·7]*	[38·1]*	[61]*	[1891]*	[23]*	[1912]*	[22]*	[103]*	[4·06]*	—	—
	Valencia	1010·6	43·5	48·8	39·7	58	1891	22	1895	21	132	5·20	2·48	25
	Roche's Point	1011·4	42·5	47·8	39·1	56	1889, 1896	25	1895, 1900, 02, 12	18	94	3·70	—	—
	Birr Castle	1009·7	39·1	46·7	34·4	60	1912	6	1895	17	58	2·29	2·41	25
	Donaghadee	1009·4	40·0	45·6	36·1	57	1897, 1903, 11	16	1895	18	58	2·20	—	—
	Liverpool (Observatory)	1010·7	38·7	44·2	35·6	59	1885, 1898	12	1895	16	42	1·68	[2·66]§	[28]§
	Holyhead	1010·2	41·9	45·4	38·0	59	1891	17	1895	17	62	2·43	[2·50]**	[26]**
	Pembroke (St. Ann's Hd.)	1011·3	42·2	45·6	38·9	56	1903	23	1895	17	68	2·66	2·70	28
	Scilly (St. Mary's)	1012·8	45·1	48·9	41·7	57	1896, 1899	27	1895	17	65	2·57	3·01	30
	Falmouth	1013·8	42·6	47·1	39·6	58	1899	22	1895	17	94	3·70	2·98	30
	Jersey (St. Aubin's)	1015·2	42·4	47·3	38·7	62	1891	18	1895	17	62	2·44	3·30	33
	Portland Bill	1012·5	42·4	45·6	38·5	[54]†	[1905]†	[24]†	[1912]†	13	49	1·93	—	—
	Dungeness	1012·9	39·5	44·5	35·2	57	1897	11	1889	15	41	1·60	—	—
	Dover	[1014·1]§	[39·4]§	[45·6]§	[35·9]§	[56]§	[1913]§	[17]§	[1912]§	[17]§	[43]§	[1·68]§	[3·16]§	[32]§
	Wick	1003·9	37·8	42·8	32·8	57	1897, 1903	2	1895	19	58	2·27	—	—
	Nairn	1005·0	36·8	43·9	31·3	64	1891	0	1895, 97	17	46	1·80	[2·59]‡	[28]‡
	Aberdeen	1006·7	37·7	43·2	33·4	64	1897	6	1895	17	52	2·05	2·59	28
	Leith	1007·2	38·8	45·2	33·8	59	1882	12	1895, 1912	14	36	1·42	—	—
	Tynemouth	1008·7	38·5	44·5	33·7	60	1898, 99	7	1895	14	35	1·37	—	—
	Spurn Head	1010·0	38·7	43·0	35·1	61	1899	20	1895	14	31	1·21	[2·79]**	[29]**
	Yarmouth	1012·1	38·1	42·9	34·0	60	1912	15	1895	15	38	1·49	[2·84]§	[29]§
	Clacton-on-Sea	1012·9	38·1	42·9	34·4	[58]‡	[1903]‡	[18]‡	[1912]‡	12	32	1·25	2·94	30
	Nottingham	1011·4	37·6	44·6	33·2	61	1899	2	1895	16	39	1·55	2·06	21
	LONDON (Kew Obsy.)	1013·5	38·5	45·0	35·1	62	1899	11	1895	13	39	1·54	2·13	22
MARCH.	Lerwick	1005·7	38·3	42·9	34·4	57	1893	19	1891	25	80	3·14	—	—
	Stornoway	1007·4	38·6	45·3	34·4	57	1894, 1907	13	1881	24	104	4·10	3·39	29
	Castlebay (Barra Isd.)	[1006·7]§	[41·7]§	[45·7]§	[38·5]§	[52]§	[1911]§	[27]§	[1915]§	[22]§	[77]§	[3·02]§	[1·87]§	[33]§
	Eskdalemuir	[1007·2]¶	[35·2]¶	[44·2]‖	[31·9]‖	[55]‖	[1910, 1915]‖	[16]‖	[1913]‖	[21]‖	[133]‖	[5·24]‖	[3·10]‖	[26]‖
	Malin Head	1008·2	40·7	[46·0]*	[37·7]*	[62]*	[1894]*	[25]*	[1906]*	[21]*	[59]*	[2·32]*	—	—
	Blacksod Point	1009·8	42·7	[47·9]*	[38·6]*	[64]*	[1894, 1899]*	[26]*	[1891, 1900, 09]*	[23]*	[104]*	[4·10]*	—	—
	Valencia	1011·8	43·4	50·0	39·9	66	1899	26	1899, 1901	21	115	4·54	3·97	34
	Roche's Point	1012·2	42·5	49·3	39·2	61	1899	27	1890	18	76	3·01	—	—
	Birr Castle	1011·0	38·8	49·2	34·6	66	1894	18	1891	18	61	2·40	3·55	30
	Donaghadee	1010·1	39·9	47·4	36·7	64	1892	25	1892, 1906	19	56	2·19	—	—
	Liverpool (Observatory)	1011·0	39·6	46·9	36·9	65	1884, 94, 1907	21	1886	17	48	1·90	[3·52]§	[30]§
	Holyhead	1010·8	41·9	46·9	38·4	67	1894	27	1881	18	67	2·62	[4·06]**	[35]**
	Pembroke (St. Ann's Hd.)	1011·7	41·9	46·7	39·0	58	1899	26	1888, 1909	17	66	2·58	4·19	36
	Scilly (St. Mary's)	1012·6	45·0	49·9	42·0	59	1893	30	1883, 90, 91	18	62	2·45	4·52	38
	Falmouth	1013·4	42·7	48·7	39·8	60	1914	24	1890	18	88	3·46	4·45	38
	Jersey (St. Aubin's)	1014·1	43·4	49·9	39·9	66	1893, 94, 1903	21	1890	18	64	2·51	4·74	40
	Portland Bill	1011·8	42·7	47·5	39·1	[59]†	[1900]†	[26]†	[1909]†	15	51	2·02	—	—
	Dungeness	1011·8	40·7	47·0	36·4	60	1903	12	1909	15	45	1·76	—	—
	Dover	[1010·8]§	[40·8]§	[47·4]§	[37·0]§	[58]§	[1911, 15]§	[17]§	[1909]§	[20]§	[64]§	[2·50]§	[3·97]§	[34]§
	Wick	1006·7	37·7	44·9	33·8	62	1894	10	1900	21	58	2·27	—	—
	Nairn	1007·4	36·6	46·4	32·6	66	1907	6	1892	19	48	1·87	[3·81]‡	[33]‡
	Aberdeen	1008·3	38·0	45·7	34·4	66	1889, 91, 92	10	1889	20	61	2·41	3·77	32
	Leith	1008·7	39·3	47·7	34·9	68	1884	19	1881, 89	17	44	1·75	—	—
	Tynemouth	1009·4	38·7	46·9	34·4	67	1907	15	1889	16	46	1·81	—	—
	Spurn Head	1009·9	39·5	45·7	36·3	62	1890, 93, 1903	24	1886	15	36	1·40	[3·71]**	[32]**
	Yarmouth	1011·1	39·2	45·8	35·4	65	1906, 14	18	1892	17	44	1·75	[3·77]§	[32]§
	Clacton-on-Sea	1010·9	39·5	46·2	35·8	[60]‡	[1912, 14]‡	[19]‡	[1909]‡	13	37	1·44	4·23	36
	Nottingham	1011·2	38·2	48·3	34·3	68	1884	14	1909	18	42	1·65	3·39	29
	LONDON (Kew Obsy.)	1012·6	39·3	48·7	36·0	67	1896	17	1909	14	43	1·69	3·39	29

* Results for 30 years, 1886–1915.
† " 16 " 1900–1915.
‡ " 15 " 1901–1915.

‡ Results for 9 years, 1907–1915.
§ " 8 " 1908–1915.
‖ " 6 " 1910–1915.

¶ Results for 5 years, 1911–1915.
** " 2 " 1914–1915.

METEOROLOGICAL OFFICE,
South Kensington, London, S.W.
February, 1916.

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‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,553 ..FRIDAY, 1ST MARCH.... 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature remained below 40° over a large area in the west and north, and rose little above it in the south. Snow, sleet, hail or rain was experienced very generally, the largest measurements reported being 17 mm. at Falmouth and 8 mm. at Leith. The records of bright sunshine were high, except in Wales and the north-west of England.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 28TH FEBRUARY

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 28TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	4	1	39	33	opshq	cpshq	4·1
	Montrose							
	St. Andrews...							
Eng. N.E.	Harrogate	1	2	38	30	b.bc.o	c.osq	3·6
	Skegness	–	–	42	31	bc	b	7·8
England, E.	Felixstowe	–	0·2	43	35	b.bc	bch.bc	7·0
	Southend-on-Sea	1	–	?	32	b	b.bcc	7·3
England, S.E.	Margate	–	–	44	37	c.bc.b	b	7·1
	Hastings	2	–	47	34	or.bcb	bc	7·7
	Eastbourne	2	–	47	30	b	b	8·5
	Seaford	*	*	46	36	b	bc	8·0
	Worthing	–	–	45	35	bc	bc	5·6
	Littlehampton							
	Bournemouth	3	–	44	36	b	b	6·3

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 28TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland W.	Oban	1	–	42	32	o.bc	p.so	4·7
Eng. N.W.	Morecambe	1	1	40	35	*	*	2·7
	Southport	3	0·3	40	34	bc.chq	c.or.bc.c	1·6
Midlands	Malvern...	–	1	46	33	c.bc	c.os.c	3·3
	Ross-on-Wye							
Wales	Rhyl	4	1	40	33	bc	q.hs.	0·5
	Colwyn Bay...	4	7	43	33	h.s	bc	0·0
	Llandudno	*	*	45	33	*	*	0·1
	Aberystwyth	*	*	42	34	r.os	c.c.o	1·0
England, S.W.	Weymouth	*	*	43	34	3b.bc	c.os.bc	2·6
	Torquay	0·1	2	40	35	b.bc.op	o.cb	3·3
	Paignton	*	*	43	34	os	bc	3·4
	Penzance	3	4	?40	34	c.h.s.	o.h.s.r	0·8
	Newquay	4	6	42	31	r.h.sq	s.p.hq	0·3
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 28TH FEBRUARY

	STATIONS.	Evening of 27TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 28TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel ...	988·3	18	SE	7	s	985·2	+1	18		ESE	4	o	–	*	16
	Hangö														*	
	Yuriev															
	Petrograd ...	979·9	34	SW	3	o	981·9	+4	27		WNW	4	s	1	36	27
	Vijni Volotchok															
	Gorki							*							*	
	Moscow	994·3	30	WSW	3	o	990·7	+1	32		WSW	6	s	1	*	30
	Kiev														*	
	Kharkov ...														*	
	Kishinev ...														*	
	Elisabetgrad ...														*	
	Nicolaiev ...							*							*	
	Odessa														*	
	Tarkhankout...							*							*	
	Soukhoum ...														*	
MEDITERRANEAN.	Venice	1020·9	45	–	o	b	1015·3	*	37	-2	SE	1	o	–	50	36
	Turin	1018·3	46	–	o	b	1015·3	*	37	o	–	o	o	–	57	36
	Pesaro	1020·3	45	–	o	b	1015·4	*	?	?	–	o	b	–	52	37
	Leghorn ...	1020·5	48	–	o	b	1015·1	*	45	+2	–	o	bc	–	57	?
	Rome	1022·7	50	–	o	o	1018·1	*	39	-2	N	1	o	–	59	37
	Viesti	1021·5	46	WNW	1	b	1017·5	*	45	o	–	o	bc	–	57	41
	Brindisi	1022·6	45	N	1	b	1021·0	*	43	-7	SE	1	o	–	52	43
	Cagliari	1024·5	61	SE	4	c	1017·2	*	54	o	SSW	3	c	–	68	45
	Palermo							*		?						
	Tripoli	1017·0	54	E	1	c	1018·6	*	54	+2	SE	1	b	–	64	48
	Algiers	1022·6	48	NNW	2	c	1019·7	o	48	+2	WNW	4	o	17	54	46
SWEDEN.	Hernösand ...	985·8	30	NW	6	c	993·4	*	25	-7	NW	4	bc	*	*	*
	Stockholm ...	990·0	36	WNW	6	b	995·9	*	27	-9	WNW	2	b	*	*	*
	Wisby	992·3	36	WSW	6	b	998·0	*	32	-4	WNW	4	b	*	*	*

ICELAND.	Morning of 28TH: Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.
		°F	°F			
Isafjord ...	1029·5	14	-7	W	4	c
Reykjavik	1036·7	10	-13	–	o	c
Vestmanna	1034·3	21		NNW	4	b
Seydisfjord	1031·9	12	o	–	o	b
Thorshavn						

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

1ST AND 2ND MAR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·43 / 6·40	12·6 / 12·5	5·29 / 5·30
Greenwich	6·49 / 6·46	12·13 / 12·12	5·37 / 5·38
Wick	7·11 / 7·8	12·25 / 12·24	5·39 / 5·41
Valencia	7·31 / 7·28	12·54 / 12·53	6·17 / 6·18

‡ The barometric change is expressed in half-millibars.

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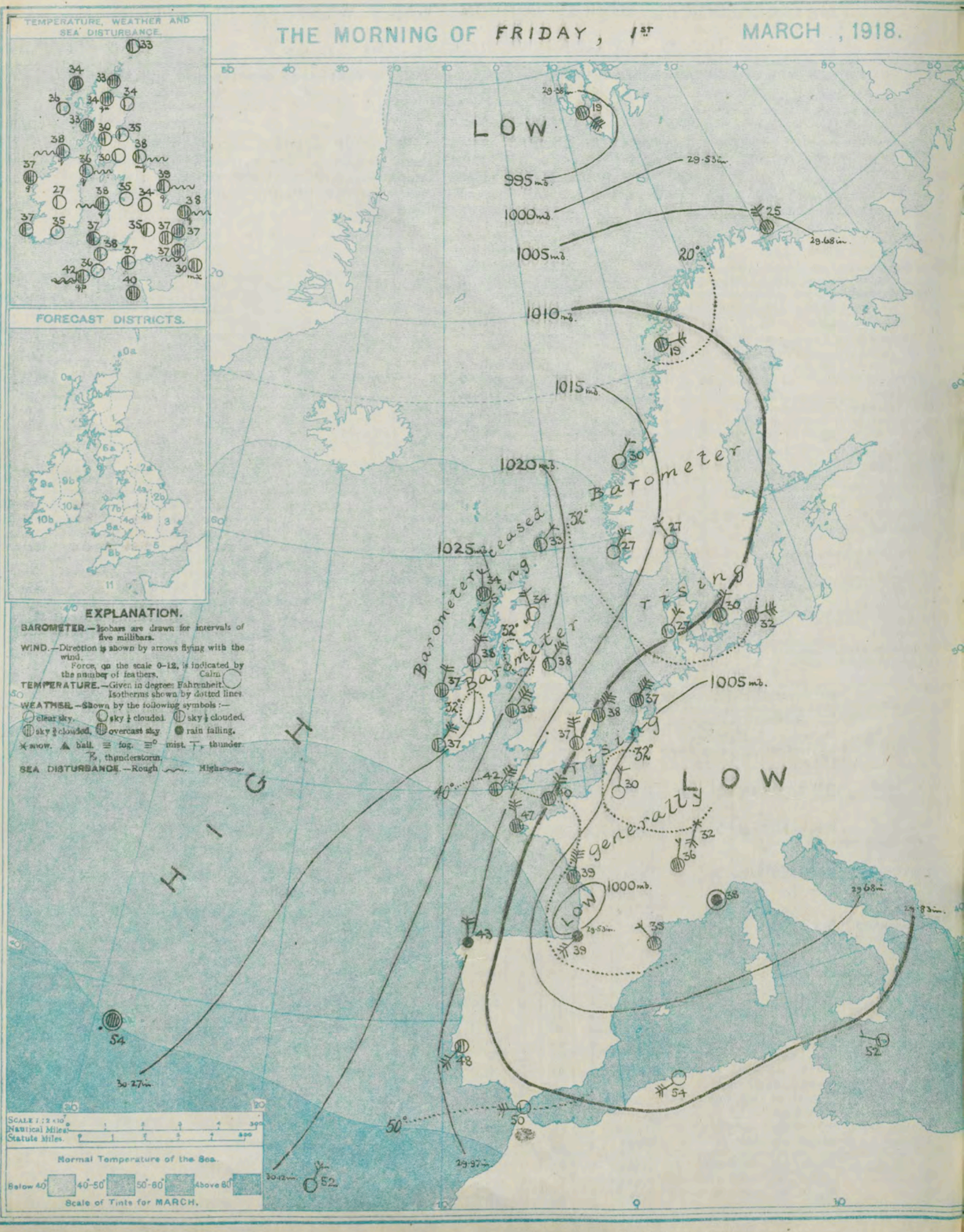
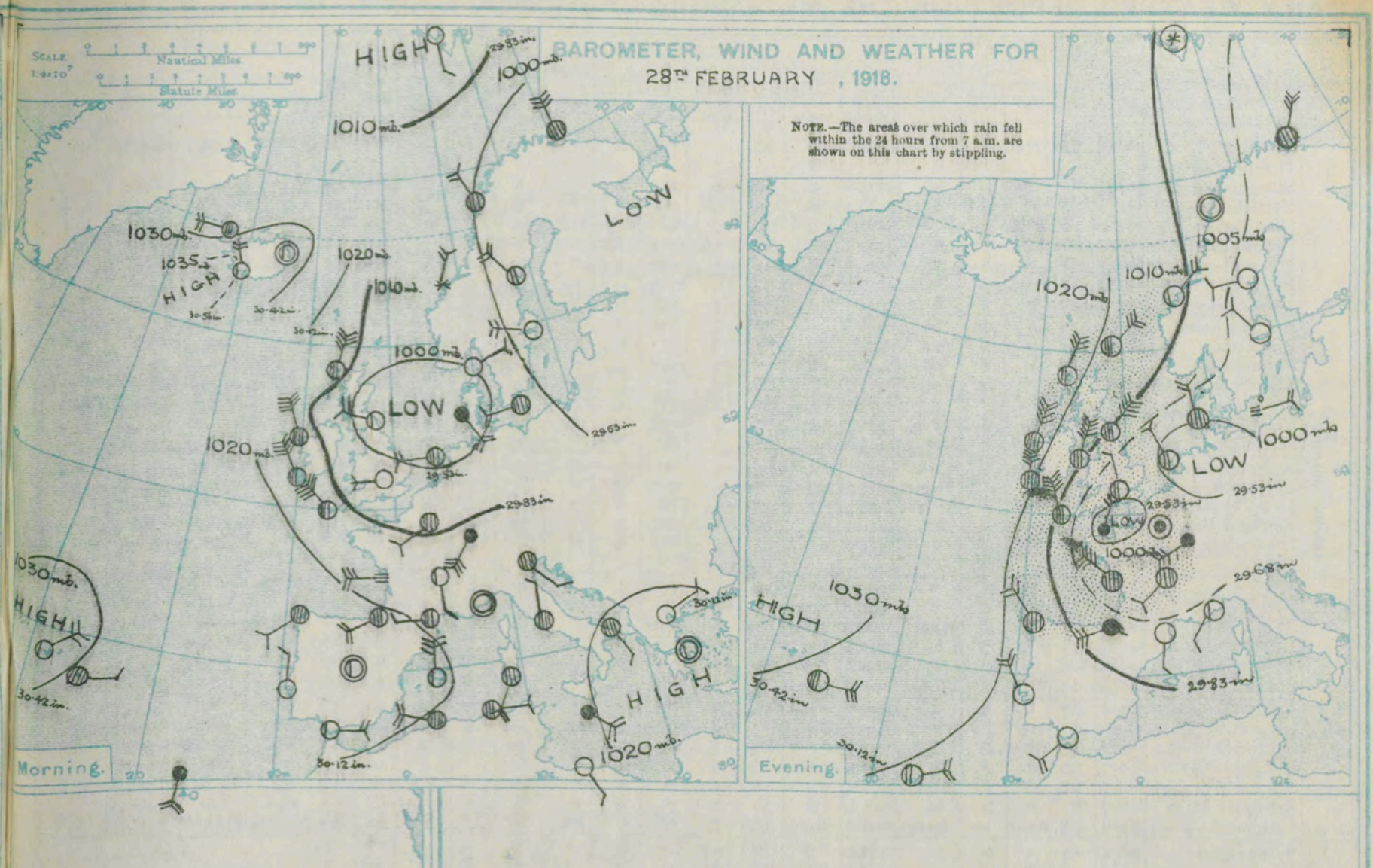
THE MORNING OF FRIDAY, 1ST MARCH, 1918.





The Present Situation

Pressure is highest to the westward and north-westward of the British Isles, and lowest over Germany and the South of France. The barometer has ceased rising in the Hebrides and Shetlands, but in all other British districts an upward movement is in progress. The NE. wind is fresh to high over England and on the Dutch and Western French coasts, but in Ireland and Scotland it has little force. Temperature is above the freezing point generally, but below it in Central Ireland and the South of Scotland. The weather is cloudy or overcast at most of our south-eastern stations, but fair in the west and north. Rain is falling in some French localities, and snow at Belfort.

The General Outlook

It appears probable that the force of the N. and NE. wind will subside very gradually, and that after two or three days there will be a return of winds from some Westerly point.

H. H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 69. FRIDAY, 1ST MARCH

	STATIONS.	Evening of 28th: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 1st: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 a.m. 1st: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Afternoon.	Night.	Sunshine for 28th.
								‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick	1013·9	35	NE	7	c	1021·8	0	33		NE	2	-	bc	2	5	37	30	cq.cp	cq	bc.sp	*
	Deerness (Orkney)							*														
	Stornoway	1023·2	34	NNE	6	bc	1025·8	0	34	-4	N	2	-	o	2	1	39	29	bc.pcq	bc.ptq	bco	4·5
	Castlebay (Barra Isd.)	1022·8	35	N	5	b	1025·8	0	36	+4	N	2	-	b	3	0	37	31	c.o.bcq	bcq.bq	bq.b	6·6
	Glasgow	1015·7	35	NNE	4	bc	1024·0	+4	30	-2	W	1	NE	bc	*	0·2	38	30	osp.bc	bc	bc.b.bc	4·1
	Eskdalemuir	1010·7	32	NNE	8	b	1021·7	+2	30	+2	NNE	5	-	b	*		33	27	osm	oso.bc	b	0·5
	Malin Head	1018·9	37	N	8	c	1024·3	+1	38	+2	NNE	5	N	cq	5	1	38	27	cq.ps	cq	bcq	2·5
	Blacksod Point	1023·2	38	NNE	8	o	1026·8	0	37	+6	NNE	4	-	oq	4	1	38	30	bcq.ph	bcq.pl	cp.hoq	*
	Valencia (Cahirciveen)	1021·0	40	N	7	c	1025·9	+2	37	-2	NE	4	N	bc	3	1	41	33	c.h.sq	cs.q.s	cbc	5·3
	Roche's Point	1016·4	39	N	6	bc	1023·2	*	35	-2	NW	3	-	b	2	0·3	39	32	cs.pq.b	b.bcq	b	*
	Birr Castle	1018·3	38	N	4	bx	1025·1	*	27	-3	N	1	N	b	*	0·2	39	27	csp.q	cq	bx	3·9
	Donaghadee	1014·0	39	N	8	bc	1023·1	+3	36	+2	NNE	5	N	bcq	5	1	X	34	omq.ps	bc.q.ps	bcq	*
	Liverpool (Bidston)	1006·7	37	N	5	o	1018·5	+3	35	+2	N	4	NE	b	4	1	40	33	os	o.cps	bcb	1·9
	Holyhead	1009·5	40	NNE	9	c	1019·9	+3	38	+2	NE	6	NE	cq	5	3	41	33	op.h.rs	op.r.cq	cprsq	0·0
	Pembroke (St. Ann's)	1005·9	37	N	6	r.oq	1018·2	+8	37	-3	NNE	4	NE	cq	3	10	40	32	cq.psh	oq.psh	bcq.bq	0·5
	Hartland Quay	1002·9	41	NNE	8	oq	1016·2	+4	38	-3	NE	7	-	bc	5	4	42	33	h.s.r.qo	s.r.q.or	oq.cq	*
	Scilly (St. Mary's)	1007·3	38	NNW	9	q.ph	1015·9	+2	42	+2	NE	6	NE	q.p	7	5	46	35	cq.ph	cq.ph	cq.ph	3·2
	Falmouth	1001·6	36	N	8	bq	1015·2	+5	36	0	NNE	7	-	bq	*	17	40	30	ch.seh	sq.s.qc	rhcbq	0·9
	Jersey (St. Aubin)	997·8	36	NNE	3	omr	1008·6	*	40	-2	NE	4	-	o	3	6	43	34	cq.ors	omr	omr.bo	1·8
	Portland Bill	1000·5	37	N	3	bc	1011·0	+5	37	-2	NNE	5	-	bc	4	-	44	36	bc.c	c.bc	bc	*
	Dungeness	999·7	40	W	3	c	1006·0	+1	37	+2	NNE	6	N	c	5	1	48	30	bc	bc	cberq	*
	Dover	*	*	*	*	*											*		*			
	Wick	1018·0	37	N	7	o	1023·0	+1	33	?	WNW	1	-	o	3	5	38	31	cq.ph	cmq.ps	bcomq	*
	Nairn	1019·1	35	NNE	5	c	1024·0	*	34	+2	N	2	-	qow	3	0	37	32	q.c	bcq.cq	qcx	2·3
	Aberdeen	1014·9	35	NNE	5	cq.s.p	1022·3	+2	34	0	WNW	3	-	b	3	6	39	33	or.shq	cbc	rc.sp	1·7
	Leith	1013·5	37	NNE	5	c	1022·4	+1	35	-2	N	2	N	b	3	8	39	33	rsr	rcqc	cbcq.b	*
	Tynemouth	1006·6	40	NE	8	c	1018·2	+3	38	+6	NE	5	NE	mq	6	2	40	35	oqr	cq.p	cq.p	*
	Spurn Head	1001·4	39	NNE	3	cr	1014·5	+3	39	+2	NNE	7	-	cq	6	4	41	33	bc	bcr	cq	8·6
	Yarmouth (Gorleston)	1001·1	37	E	3	bc	1008·0	+4	38	+4	NE	7	-	oq	6	2	44	32	bc	bc	bcoq.p	7·0
	Clacton-on-Sea	1000·0	39	NW	3	bc	1008·4	+5	37	0	NNE	5	NE	o	3	1	44	32	bc	bc	bcoq.p	4·9
	Nottingham	1002·3	35	NNW	3	s	1014·9	*	34	-1	N	3	NE	b	*	6	42	32	bc	bc.c.o	sc	4·7
	Benson (Oxon.)	1001·7	33	N	1	b	1011·5	+5	35	0	N	5	-	bc	*	1	42	28	c	bc	osc	*
	Sth Farnborough	1001·3	33	N	2	bm	1010·6	+4	35	+1	N	6	-	o	*	0·4	44	30	bo	rh.bc.bm	borq.so	8·2
	Salisbury Plain	1001·7	31	N	3	bc	1012·6	+3	31	-3	N	5	-	b	*	trace	41	29	oq.s	c.bc	oc.bcq.s	*
	London (Kew Obsy.)	1001·1	38	NNW	1	bcm	1010·7	+4	37	+2	N	5	NE	c	*	0·3	40	32	bc.oprs	prs.bcm	bcmop	5·2
NORTHERN EUROPE.	Spitsbergen	1009·0	-9	-	0	s	992·4	-8	19	+45	SE	8	*	o	*	*	-8	-27				
	Vardö	1006·4	27	NE	5	o	1006·7	+3	25	-3	N	5	-	o	3	*	27	9				
	Bodö	1007·6	23	-	0	b	1013·0	0	19	-11	E	4	-	c	2	0	30	16				
	Christiansund	1013·4	30	NE	3	b	1017·0	+1	30	0	NE	2	-	b	5	6	36	28				
	Skudesnaes	1009·9	39	N	3	b	1016·0	+3	27	-1	NE	3	-	b	2	0	?	27				
	Færder (X'iania Fjord)	1007·4	32	NNW	1	b	1014·4	+3	27	0	NNW	3	-	b	1	0	32	25				
	The Scaw (Skagen)																					
	Blaavands Huk	1001·1	34	N	3	o	1011·1	+6	27	-7	NE	3	-	b	*	trace	36	25				
	Copenhagen	1002·6	34	E	2	m	1009·9	+4	30	-4	NE	3	-	c	*	-	36	30				
	Bornholm	1002·3	32	E	3	m	1007·1	+3	32	0	E	6	-	o	1	-	36	30				
FRANCE, &c.	The Helder	999·8	39	NW	2	bc	1006·8	+5	37	-2	NE	7	-	o	4	2	41	36				
	C. Gris Nez	1000·8	37	E	2	c	1005·4	+1	36	-3	NE	5	*	r	3	2	45	34				
	La Hève	1000·4	38	NE	3	c	1000·3	*	34	-8	NNE	3	*	o	3	1	45	34				
	Brest (St. Mathieu)	1004·6	39	NNW	7	r	1011·8	+4	47	+3	N	5	*	o	4	4	48	39				
	Rochefort (Ile d'Aix)	1002·4	42	NW	7	o	1001·4	+3	39	-8	NNE	7	*	o	*	6	50	37				
	Biarritz	1007·1	49	WSW	6	r	1000·4	+6	39	-6	SW	5	*	r	5	6	50	37				
	Paris	1001·0	36	-	0	o	1004·2	+2	30	-13	NNE	3	-	b	*	4	46	30				
	Belfort	1001·9	41	SW	7	r	1003·8	*	32	-4	SW	4	*	s	*	6	41	32				
	Lyons	1003·4	46	SW	2	o	1003·2	*	36	-1	-	0	*	o	*	2	54	34				
	Nice	1006·4	46	SW	1	b	1002·7	-4	38	-3	-	0	*	r	3	9	55	37				
	Perpignan	1008·8	46	S	1	b	1003·6	-3	39	-6	NW	2	NW	o	*	0	57	32				
	Sanguinaire							*					*									
SOUTHERN STATIONS.	Corunna	1019·2	50	NW	4	o	1015·5	?	43	+13	N	4	-	r	4	4	54	?				
	Madrid														*							
	Lisbon	1019·4	57	NNW	4	b	1014·3	-1	48	+2	NNW	5	-	c	?	-	64	48				
	Azores (Horta)	1030·0	*	ENE	4	o	1026·4	-1	54	0	-	0	*	o	1	-	57	54				
	Madeira	1019·1	61	ENE	4	bc	1019·4	0	52	-5	NE	3	-	b	3	-	61	50				
	Gibraltar	1016·6	52	SW	3	b	1010·8	*	50	-1	W	5	*	b	3	-	61	49				
	Malta	*	*	*	*	*	1010·6	+2	52	-3	WNW	1	-	b	2	18	55	48				
	Limassol	*	*	*	*	*	1021·4	0	54	+8	-	0	-	b	3	trace	61	41				
	Alexandria	1020·7	59	-	0	b	1020·3	+1	55	-6	-	0	-	b	0	-	68	52				
	Cairo (Helwan)	1019·0	57	N	2	b	1018·8	+1	50	-2	N	1	-	b	*	-	66	46				

GALES.
Duration and Extreme Force in British Isles.

GLASGOW. Gale 8-18h Feb 28th
ESKDALEMUIR Gale 11-23h 28th
MALIN HEAD Gale N8 13h-18h 28th
BLACKSOD POINT Gale N9 13h
VALENCIA. Gale N9 10h Feb 28th Gust 30m/s
ROCHES POINT Squall N8 at 14h Feb 28th
DONHAGHADEE Gale from 10h Feb 28th & scheme N9 at 11h.
HOLYHEAD & scheme NNE 10 at 14h. Gust 32m/s Feb 28th
HARTLAND QUAY Gale 18h to 21h. & scheme NNE at 20h Feb 28th
SCILLY Gale 9h-18h NNW8. & schemes N9 at 11h NNW9 at 18h Feb 28th
NAIRN NE8 9h-12h & scheme NE8 at 10h
ABERDEEN Gale NNE 8 6h-10h Feb 28th Gust 33m/s at 8h
LEITH Gale N9 7h-12h
TYNEMOUTH NE8 at 18h
YARMOUTH NE8 at 2h MAR 1st

LONDON ..1st MARCH 9h. G.M.T.	Humidity. 15 h. 28th	Humidity. 9 h. 1st	Sunshine for 28th	24 Hours ended 9 h. 1st: Temperature. Max.	Temp. Min.	Min. on Grass.	Rainfall.	Weather. Morning.	Afternoon.	Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	88	71	3·6	45	32	27	2	bc	co	or
CITY (Bunhill Row)	*	*	3·7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	96	74	3·9	45	-	30	1	bc.o.sr	o.e	bc.rob
S. KENSINGTON (Museum Grounds)	*	72	4·3	?	33	*	1	bc	o.p.d.o	o

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 28th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29,554. SATURDAY, 2ND MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature failed to reach 45° generally, and remained below 40° over a large portion of the Kingdom. Frost occurred in almost all places at night. Bright sunshine was abundant except at some northern and a few S.E. stations. ery slight measurements of snow were made in various parts of Southern England.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 1ST MARCH

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 1ST
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	0.2	1	39	33	o.psc.	bc c.o.	1.7
	Montrose	-	-	39	31	bc	o	6.4
	St. Andrews	-	-	41	30	c	c	3.7
Eng. N.E.	Harrogate	1	-	39	31	bc	bc.b.	3.5
	Skegness	2	-	41	33	bc	bc	8.4
England, E.	Felixstowe	2	-	41	30	cq.bc	bcvq	5.8
	Southend-on-Sea	1	-	42	31	o c.	c.bc.b.	4.8
England, S.E.	Margate	-	0.3	40	36	c	ost.	0.6
	Hastings	1	0.4	41	31	os.bc.	bc.o	2.9
	Eastbourne	-	-	44	31	o.bcq.	bcq.o.	2.2
	Seaford	*	*	42	29	bc	bc.	4.9
	Worthing	-	-	43	31	bc	b.	6.3
	Littlehampton	-	-	42	32	.	-	7.0
	Bournemouth	-	-	43	32	b	b	7.4
Scotland W.	Oban	-	-	42	33	o	bc.b.	7.7
Eng. N.W.	Morecambe	-	-	41	33	*	*	7.7
	Southport	-	-	42	33	b.bc.cb	b.bc.b.	7.9
Midlands.	Malvern							
	Ross-on-Wye	1	-	42	32	c.bc	bc c.	3.5
Wales.	Rhyl	-	-	40	37	c.bc.	bc.c.	6.8
	Colwyn Bay	-	-	40	36	bc	bc	5.6
	Llandudno	*	*	41	37	c	c	6.8
	Aberystwyth	*	*	41	35	rcb.	b.bc.	9.0
England, S.W.	Weymouth	*	*	42	30	b.	bq	8.5
	Torquay	1	-	43	40	b	bc b	7.7
	Paignton	*	*					
	Penzance	0.3	-	44	34	c bc	bc.c.	7.9?
	Newquay	1	-	42	31	bq.	bq.	5.6
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 1ST MARCH

	STATIONS.	Evening of 28TH FEB. Barom. Millibars at M.S.L.	Temp.	Wind Direc	Wind Force 0-12.	Weather.	Morning of 1ST. Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 7 p.m. Local Time.	Archangel														*	
	Hangö														*	
	Yuriev															
	Petrograd															
	Vijni Volotchok															
	Gorki							*							*	
	Moscow														*	
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1007.7	45	NE	1	T	1004.7	*	43	+6	NE	1	0	2	50	36
	Turin	1007.7	45	-	0	0	1001.9	*	41	+4	-	0	5	Trace	48	37
	Pesaro	1008.6	46	-	0	b	1006.1	*	46		-	0	0	-	54	41
	Leghorn						1004.7	*	52	+7	SE	1	bc	2	55	45
	Rome	1014.4	50	S	1	bc	1008.7	*	48	+9	-	0	0	2	55	39
	Viesti	1011.1	52	SSE	1	bc	1009.0	*	48	+3	S	1	b	-	52	45
	Brindisi	1013.8	50	SE	3	0	1009.7	*	48	+5	WNW	2	0	-	50	43
	Cagliari	1012.5	59	SW	4	0	1008.6	*	54	0	SE	3	b	1	66	45
	Palermo	1013.7	48	-	0	0	1011.3	*	46		-	0	b	2	57	41
	Tripoli						1016.1	*	50	+4	W	3	b	1	68	48
	Algiers	1016.6	52	WNW	2	b	1006.7	-2	54	+6	WSW	5	b	4	57	48
SWEDEN.	Hernösand	1000.8	28	E	2	b	1009.5	*	23	-2	NW	4	b	*	*	*
	Stockholm	1003.6	28	NE	2	b	1009.8	*	21	-6	NNW	2	b	*	*	*
	Wisby	1003.6	32	NNE	2	b	1008.3	*	30	-2	NNW	4	c	*	*	*

Morning of 1ST

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	998.2	37	+23	SW	7	0
Reykjavik	1005.2	36	+26	-	0	T
Vestmanna	1007.8	41	+20	SW	4	T
Seydisfjord	1003.0	46	+34	-	0	c
Thorshavn	1017.5	37	0	W	3	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

2ND AND 3RD MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.40	12.6	5.30
	6.38	12.5	5.32
Greenwich	6.46	12.12	5.38
	6.44	12.12	5.40
Wick	7.8	12.24	5.41
	7.6	12.24	5.43
Valencia	7.28	12.53	6.18
	7.26	12.53	6.20

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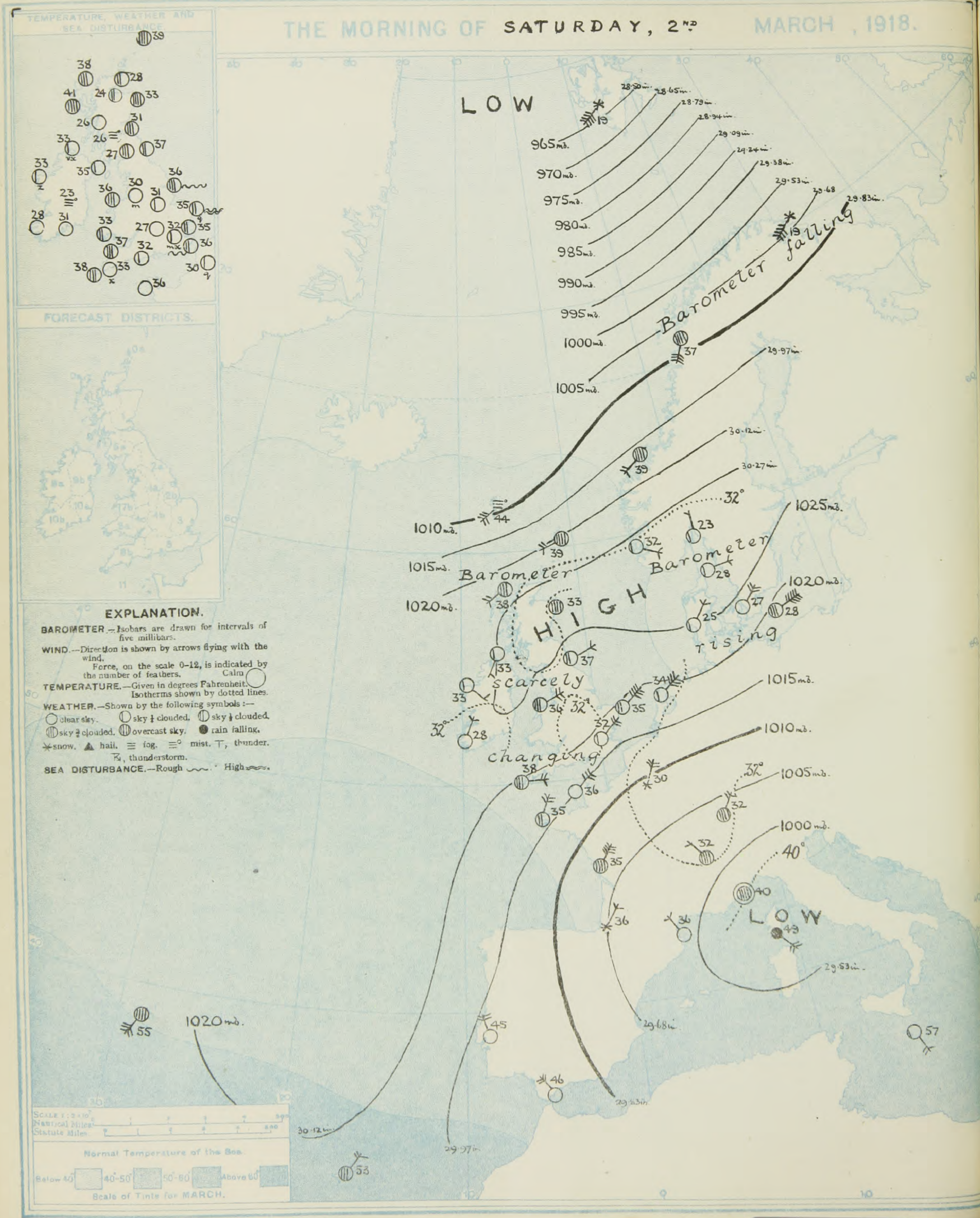
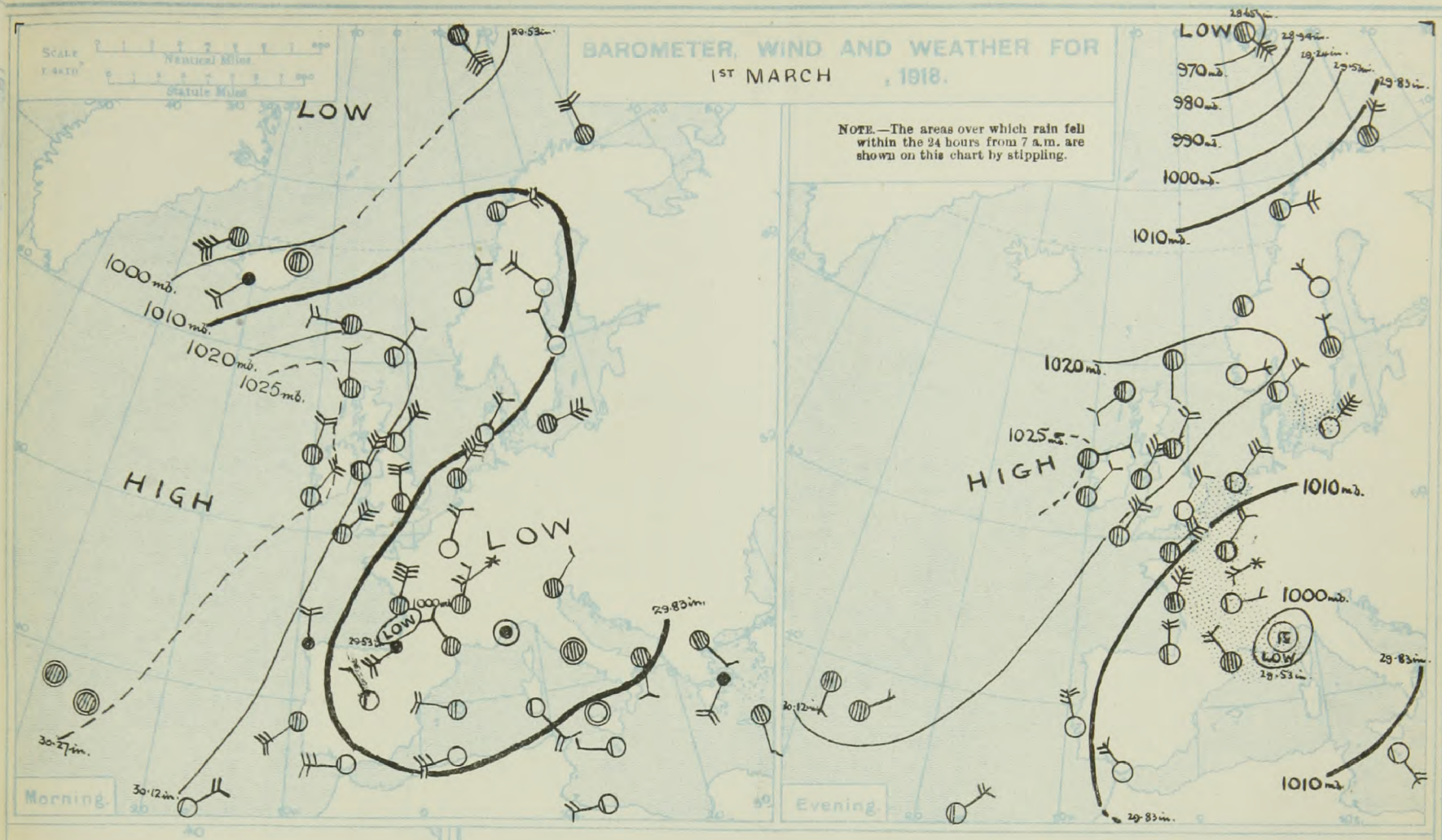
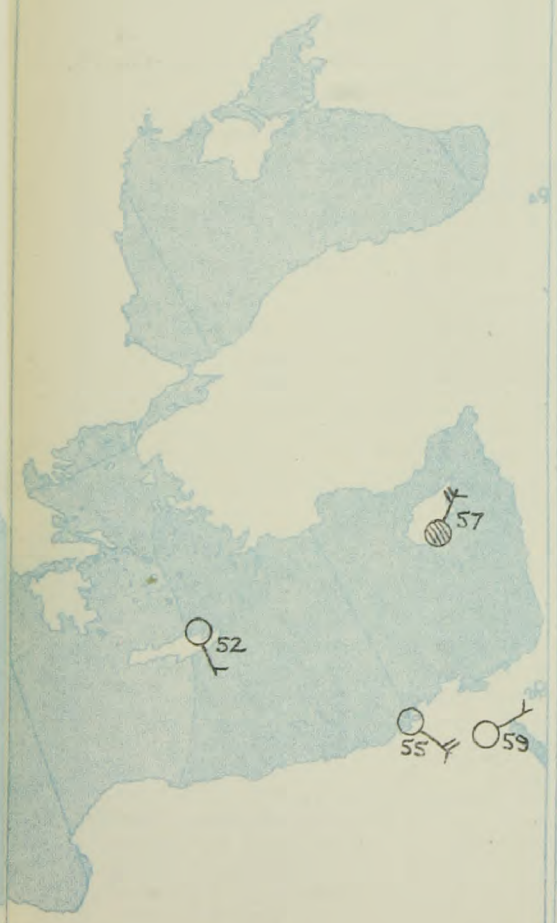
‡ The barometric change is expressed in half millibars.

THE MORNING OF SATURDAY, 2ND MARCH, 1918.







The Present Situation.

A band of high pressure, barometer above 1025 mb, now extends from the North of Ireland across Scotland, to the South of Scandinavia, while a very large and deep depression, barometer about 960 mb. over Spitzbergen, is shown far beyond the North of Norway, and a relatively shallow depression depression overthe Western Mediterranean. There are some indications of the existence of a depression on the Atlantic, beyond the 30th meridian. The wind is still fresh or strong to high from the North-Eastward over the S.E. of England and the nearer parts of the Continent. In the North of Scotland a light breeze from the South-Westward has sprung up. At the Azores there is an increasing S.W. wind. Snow is falling at Paris and Biarritz, but over the British Isles the weather is fair. Except for 19° at Spitzbergen, the lowest temperature (23°) is reported in central Ireland, and in many parts of Britain the readings are below 32°.

The General Outlook.

The high pressure will probably move very slowly S. or S.E., but the South-Westerly wind which prevails in the far North is not likely to reach the S.E. of England until after the next two or three days.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 61 ... SATURDAY, 2ND MARCH.

	STATIONS.	Evening of 1st: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 2nd: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 A.M. 2nd: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 1st Hours.
BRITISH ISLANDS.	Lerwick ...	1020.6	38	S	1	o	1021.9	+1	39	+6	WSW	3	-	o	2	1	40	31	bc	co.	o	*
	Deerness (Orkney)							*														
	Stornoway ...	1023.4	37	SW	2	c	1023.8	+1	38	+4	SW	3	-	o	2	-	40	33	ovc	c	b.o.	0.2
	Castlebay (Barra Isd.)	1024.5	35	NE	2	o	1024.0	0	41	+5	SSW	3	-	o	2	-	41	34	b.o	o	o.b.o.	0.9
	Glasgow ...	1024.2	35	ENE	1	bc	1025.6	+2	26	-4	-	o	-	m	*	-	41	25	bc.cv.	c.bc	bc.bmc	4.7
	Eskdalemuir ...	1023.6	30	NNE	4	b	1026.4	+2	27	-3	NNE	1	-	c	*	-	34	25	b.	br.	bu.sp.c	6.3
	Malin Head ...	1023.9	38	NNE	2	cv	1025.0	0	33	-5	SSW	1	-	bcv.	2	-	42	32	cq/ps	cv	bcv.	0.0
	Blacksod Point	1025.0	39	ENE	2	c	1024.3	0	33	-4	SE	1	-	by	2	-	40	32	cq	bc	cy.bc	*
	Valencia (Cahirciveen)	1024.4	40	NE	3	c	1024.0	0	28	-9	NE	2	-	bc	3	-	43	27	b.bcy	cy	bc.b.bc	3.8
	Roche's Point	1023.8	39	N	2	b	1024.1	*	31	-4	NW	1	-	b	1	0.2	42	31	b.bc.	bc.b.	bc	*
	Birr Castle ...	1024.0	38	N	1	c	1025.2	*	23	-4	N	1	-	m	*	-	41	23	bc	bc.c.	by.	8.2
	Donaghadee ...	1022.8	38	NNE	3	bcq	1025.1	+2	35	-1	E	2	-	b	2	-	?	35	bcq	bc	bcy.bm	*
	Liverpool (Bidston)	1021.3	36	NE	2	bc	1023.9	+3	30	-5	NNE	1	-	bm	1	-	41	30	bc	bc	bmc.	6.5
	Holyhead ...	1021.8	39	NE	5	cg	1024.0	+1	36	-2	ENE	4	-	c	3	-	42	36	c.bc c	c.bc c.	c.phcc	6.0
	Pembroke (St. Ann's)	1020.9	38	N	3	b	1021.8	0	33	-4	NNE	4	NE	bc	2	-	43	33	bcq.ph	bcq.b.	b.bc	6.8
	Hartland Quay	1018.6	41	NNE	6	bc	1021.0	+1	37	-1	NE	4	-	c	4	-	42	37	bq/ccq	ch.sq/c.	bc.b.s.	*
	Scilly (St. Mary's)	1019.2	41	NE	5	cq	1019.8	0	38	-4	E	3	E	c	4	-	44	37	cq.bc	cq	c	6.7
	Falmouth ...	1017.7	39	NNE	6	bq/y	1019.7	0	33	-3	NE	4	-	bc	*	-	43	32	bq.bcy	bcq/y	bq.bc.	7.3
	Jersey (St. Aubin)	1012.3	41	NE	6	o	1013.9	*	36	-4	NE	5	-	b	4	2	43	36	q.bc.b.	bc.o.	o.bc.b.	2.3
	Portland Bill ...	1014.7	38	NE	5	bc	1017.0	+2	32	-5	NNE	5	-	b	4	-	41	31	bcq	bcq	bc	*
	Dungeness ...	1011.7	36	NNE	5	cq	1014.2	0	36	-1	NNE	6	NE	bcq	5	2	40	35	cq/ph	cq/ps	cq.bcq	*
	Dover	*	*	*	*	*											*			*		
	Wick	1022.8	35	WNW	2	omq	1025.0	+1	28	-5	W	2	-	bcx	2	-	37	27	omq	omq	oq.bcx	*
	Nairn	1022.8	31	-	0	bcx	1025.3	*	24	-10	-	0	-	bc	0	-	38	22	sp.bc	bc	bcx	5.3
	Aberdeen ...	1023.6	36	NE	3	o	1026.0	+2	33	-1	-	0	-	o	3	0.2	38	32	b.bc	bc.osp	o	4.6
	Leith	1023.2	38	NE	2	c	1025.0	0	31	-4	W	1	NE	cm	1	-	40	31	b	b.bc.ca	co.bcc	*
	Tynemouth ...	1021.3	38	NE	4	cq/p	1024.2	+1	37	-1	ENE	2	N-E	bc	4	-	40	35	omp.s	cq/p	bc	*
	Spurn Head ...	1018.9	39	ENE	5	cq/v	1021.8	+1	36	-3	ENE	5	-	cq	5	-	42	33	bcvq	bcvq	cq/psh.	8.1
	Yarmouth (Gorleston)	1015.3	37	NE	8	b	1019.3	+2	35	-3	NE	7	+	bcq	7	-	41	34	bcq	bcq	bq	7.9
	Clacton-on-Sea	1015.0	38	NNE	6	bc	1018.0	+1	35	-2	NE	5	E	bc	4	0.1	42	31	oq.bc.	bc	bc.bps	5.2
	Nottingham ...	1019.2	37	NE	3	b	1022.3	*	31	-3	NE	3	NE	b	*	0.2	42	30	bc	bch	bc/ps.	8.3
	Benson (Oxon.) ...	1016.4	36	NNE	5	b	1019.3	+3	27	-8	NNE	2	-	b	*	0.2	42	26	bc	b	bcs.	*
	Sth Farnborough	1015.4	37	NNE	5	b	1018.4	+1	29	-6	NNE	5	-	b	*	Trace	43	28	bc.osy.	ysc b.	bc	7.4
	Salisbury Plain	1016.7	34	NNE	5	b	1019.7	+1	27	-4	NNE	5	-	b	*	-	41	27	c.bcq	bcq	bcc	*
	London (Kew Obsy.)	1015.7	38	NE	3	b	1018.5	+2	32	-5	NE	4	-	b	*	Trace	42	30	c.bc/ps.bc	bc.b.	b.bmc	6.8
NORTHERN EUROPE.	Spitsbergen ...	967.1	30	SE	6	o	961.0	+3	19	0	SW	8	*	s	*	*	30	18				
	Vardö	1017.2	25	NE	4	o	1004.7	-6	19	+6	SW	7	-	s	5	*	25	19				
	Bodö	1013.5	27	E	4	c	1008.3	-2	37	+18	SSE	6	-	o	4	?	37	18				
	Christiansund ...	1019.0	32	-	0	c	1019.4	0	39	+9	SW	3	-	o	5	-	39	28				
	Skudesnaes ..	1021.8	30	E	2	b	1027.1	+1	32	+5	ESE	2	-	b	2	-	36	27				
	Færder (X'iania Fjord)	1020.4	32	NE	3	b	1027.9	+3	23	-4	N	1	-	b	1	-	32	23				
	The Scaw (Skagen)	1017.6	32	NE	3	bc	1026.0	+5	28		NE	2	-	b	2	-	32	27				
	Blaavands Huk	1018.2	28	NE	2	b	1025.0	+4	25	-2	NE	2	-	b	*	-	36	21				
	Copenhagen ...	1014.3	34	NNE	4	b	1023.8	+4	27	-3	NE	4	-	b	*	.	34	25				
	Bornholm ...	1012.4	30	NE	8	b	1019.9	+3	28	-4	ENE	9	-	c	2	Trace	34	27				
FRANCE, &c.	The Helder ...	1014.6	37	NE	5	b	1019.1	+2	34	-3	NE	6	-	b	3	Trace	37	34				
	C. Gris Nez ...	1010.7	37	NE	7	o	1013.2	+1	34	-2	ENE	7	*	bc	5	7	45	30				
	La Hêve	1011.1	36	NE	6	c	1012.7	*	32	-2	NE	5	*	c	5	16	50	32				
	Brest (St. Mathieu)	1015.4	38	NNE	5	o	1016.4	0	35	-12	NNE	4	*	bc	3	-	48	34				
	Rochefort (Ile d'Aix)	1006.0	39	NNE	6	o	1006.6	0	35	-4	NE	7	*	o	*	-	45	34				
	Biarritz	1006.3	43	N	4	bc	1005.9	+1	36	-3	NE	2	*	s	4	10	46	34				
	Paris	1006.0	37	NNE	3	o	1008.3	+1	30	0	NNE	4	-	s	*	2	41	30				
	Belfort	1005.1	28	WSW	3	s	1002.2	*	32	0	NE	3	*	o	*	8	39	28				
	Lyons	1003.1	48	E	1	b	1003.5	*	32	-4	-	0	*	o	*	-	?	?				
	Nice	999.5	42	-	0	b	999.8	+2	40	+2	-	0	*	o	4	14	48	37				
	Perpignan ..	1002.0	41	NW	3	o	1002.6	+1	36	-3	NW	2	-	b	*	Trace	46	36				
	Sanguinaire ...	1001.5	50	SW	5	o	997.8	*	49	-3	SE	4	*	T	5	3	54	45				
SOUTHERN STATIONS.	Corunna														*							
	Madrid																					
	Lisbon	1013.0	48	NNW	5	b	1014.3	+2	45	-3	NNW	4	-	b	5	-	52	43				
	Azores (Horta) ...	1023.2	*	S	2	o	1017.9	+1	55	+1	SSW	5	*	o	3	-	63	55				
	Madeira	1017.2	59	NE	3	bc	1019.2	0	52	0	NE	3	N	c	3	-	63	52				
	Gibraltar	1009.1	51	NW	3	b	1011.2	*	46	-4	NW	4	*	b	3	-	58	45				
	Malta	*	*	*	*	*	1011.1	0	57	+5	SSE	3	-	b	1	-	59	52				
	Limassol	*	*	*	*	*	1016.8	+1	57	-3	NE	3	-	o	6	-	64	52				
	Alexandria ...	1017.5	57	-	0	b	1018.2	+2	55	0	SSE	3	-	b	1	-	68	52				
	Cairo (Helwan) ...	1018.0	59	N	2	b	1018.6	+1	59	+9	E	1	-	b	*	-	68	50				

GALES.

Duration and Extreme Force in British Isles.

JERSEY

Gale N 8 morning (1st)

YARMOUTH.

Gale NE 8.2-13 hrs (1st)

KEW.

Gust 19 m/s at 12.50 hrs (1st)

LONDON 2nd MARCH 9h. G.M.T.	Humidity 15 h. 1st	Humidity 9 h. 2nd	Sunshine for 1st	24 hours ended 9 h. 2nd: Temperature Max.	Temperature Min.	Min. on Grass.	Rainfall.	Weather Morning.	Weather Afternoon.	Weather Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	53	69	5.5	43	30	23	-	c	c.bc.b.	bcx
CITY (Bunhill Row)	*	*	6.7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	58	66	5.9	44	*	28	-	bc	bc	bc.b.bc
CAMDEN SQ (British Rainfall)	52	77	7.3	45	28	25	-	bc	b	*
S. KENSINGTON (Museum Grounds)	*	69	6.3	44	30	*	-	bc	bc.bq	b.

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during ... 1st ...

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
690	177	47.5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,555. SUNDAY, 3RD MARCH. 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature rose no higher than 35° in several parts of these Islands, and it was below 40° generally. Scarcely any bright sunshine was recorded, except in Wales and the south-west of Ireland. Slight rain was experienced over a large portion of England and Scotland.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 2ND MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 2ND
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	41	27	bc.b	bc.b.bc	4·2
	Montrose	-	-	40	31	bc	bc	1·0
	St. Andrews							
Eng. N.E.	Harrogate	1	Trace	39	26	bc.cf pr	c.osp	4·5
	Skegness	-	-	38	33	bc	o	2·0
England, E.	Felixstowe	Trace	-	38	30	bcgh	bcg	6·0
	Southend-on-Sea	-	-	39	28	opS.c	c.o	5·4
England, S.E.	Margate	-	-	38	35	bc.c	bc.c	3·8
	Hastings	1	-	38	31	os.bc.b	o	4·2
	Eastbourne	-	-	41	29	b.bcg	bcg	4·0
	Seaford	*	*	43	29	bc	bc.o	3·9
	Worthing	-	-	39	30	bc	bc	3·5
	Littlehampton	-	-	38	34			5·6
	Bournemouth	-	-	41	29	b	b	8·2

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 2ND
		Mm.	Mm.	°F.	°F.			Hr.
Sc'tl'd W.	Oban	-	-	43	25	bc	bc	7·4
Eng. N.W.	Morecambe					*	*	
	Southport	-	-	42	28	b.bc	bc.c.bc	7·4
Midlands.	Malvern							
	Ross-on-Wye	-	-	38	29	c.bc	o.bc	3·9
Wales.	Rhyl	-	-	*	*			6·5
	Colwyn Bay							
	Llandudno	*	*					
	Aberystwyth	*	*	40	33	o.c.b	b.o	7·0
England, S.W.	Weymouth	*	*					
	Torquay							
	Paignton	*	*	40	32	b	bc	7·0
	Penzance	-	-	42	34	b	b	9·0
	Newquay							
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 2ND MARCH

	STATIONS.	Evening of 1ST: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 2ND: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö														*	
	Yuriev															
	Petrograd	1010·4	18	-	0	0	1020·3	+6	12		WNW	2	0	-	*	10
	Vijni Volotchok	1013·3	19	SW	1	0	1021·1	+6	5		SW	1	b	-	*	5
	Gorki	1012·7	30	E	1	0	1021·1	*	?		SW	1	f	-	*	19
	Moscow	1012·3	28	NW	1	0	1023·9	+4	14		-	0	0	2	*	14
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1003·8	48	ESE	1	0	1005·7	*	48	+5	E	1	0	Trace	52	43
	Turin	998·6	41	-	0	0	999·8	*	39	+2	-	0	r	6	41	37
	Pesaro	1004·6	50	-	0	0	1006·2	*	48	+2	-	0	c	-	57	46
	Leghorn	?	45	?	2	0	1001·3	*	55	+3	?	1	0	-	57	?
	Rome	1007·4	?	SE	1	m	1005·8	*	54	+6	SE	3	0	4	57	52
	Viesti	1007·7	52	SE	1	b	1010·6	*	48	0	SSE	1	b	-	52	46
	Brindisi	1010·5	50	SE	2	b	1011·5	*	46	-2	S	2	b	-	54	46
	Cagliari	1004·5	57	SE	4	bc	999·3	*	55	+1	SE	4	0	Trace	68	46
	Palermo	1009·5	50	-	0	b	1008·2	*	59	+13	S	3	b	-	62	53
	Tripoli						?	*	54	+4	SSE	1	b	-	59	46
	Algiers	1002·6	55	W	4	0	1006·6	+1	45	+9	WSW	4	0	9	66	43
SWEDEN.	Hernösand	1018·2	21	NW	2	b	1022·2	*	1	-22	-	0	b	*	*	*
	Stockholm	1017·8	23	N	2	0	1027·0	*	16	-5	N	2	b	*	*	*
	Wisby	1015·6	28	NNE	2	c	1023·9	*	27	-3	NNW	2	0	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	987·6	28	-9	NE	3	S
Reykjavik	993·5	32	-4	NNW	7	S
Vestmanna	986·6	45	+4	SW	9	0
Seydisfjord	988·8	41	-4	W	4	c
Thorshavn	1008·4	44	+7	SW	5	m

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

3RD AND 4TH MARCH 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·38	12·5	5·32
	6·36	12·5	5·34
Greenwich	6·44	12·12	5·40
	6·42	12·12	5·42
Wick	7·5	12·24	5·43
	7·3	12·24	5·45
Valencia	7·26	12·53	6·20
	7·24	12·53	6·22

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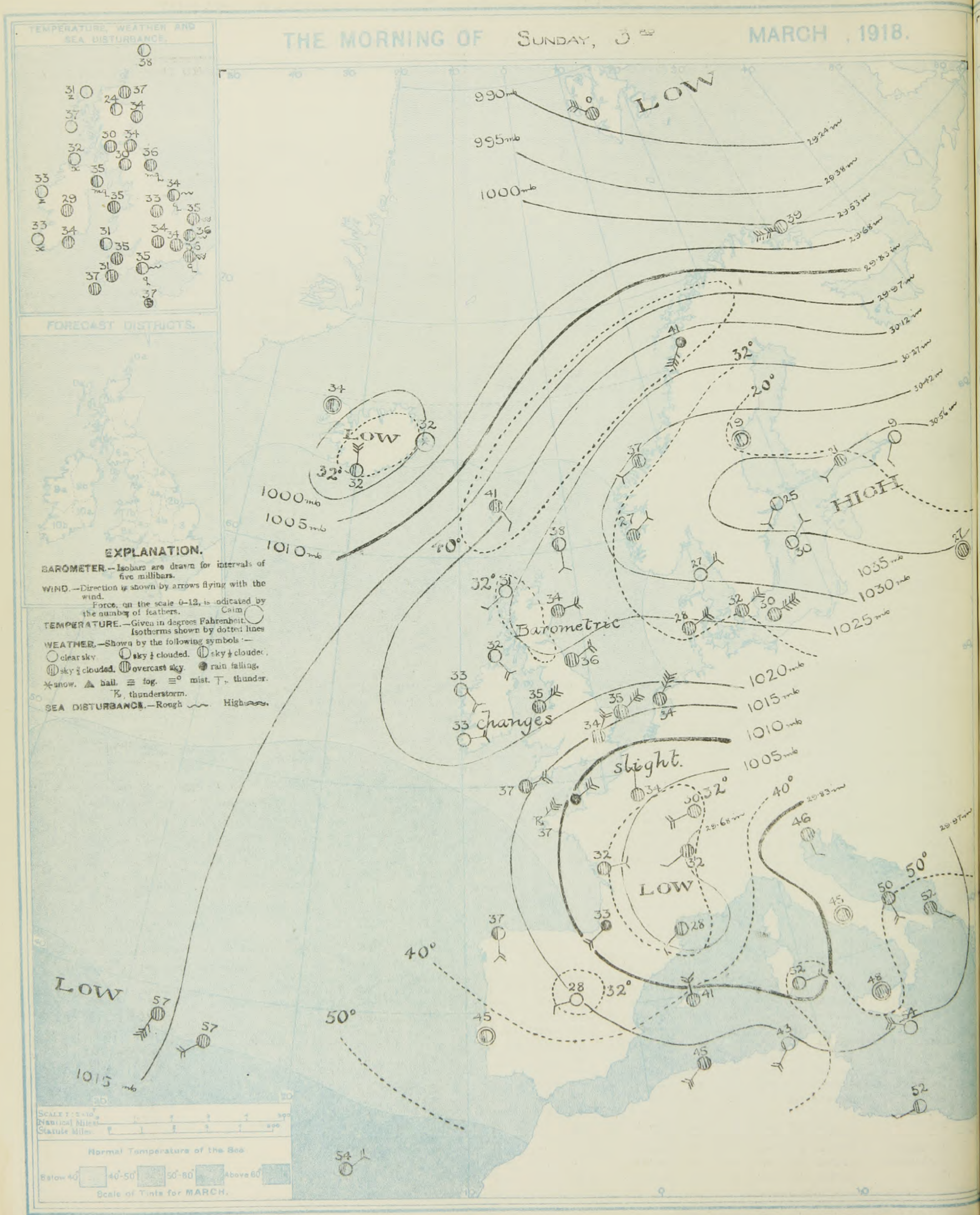
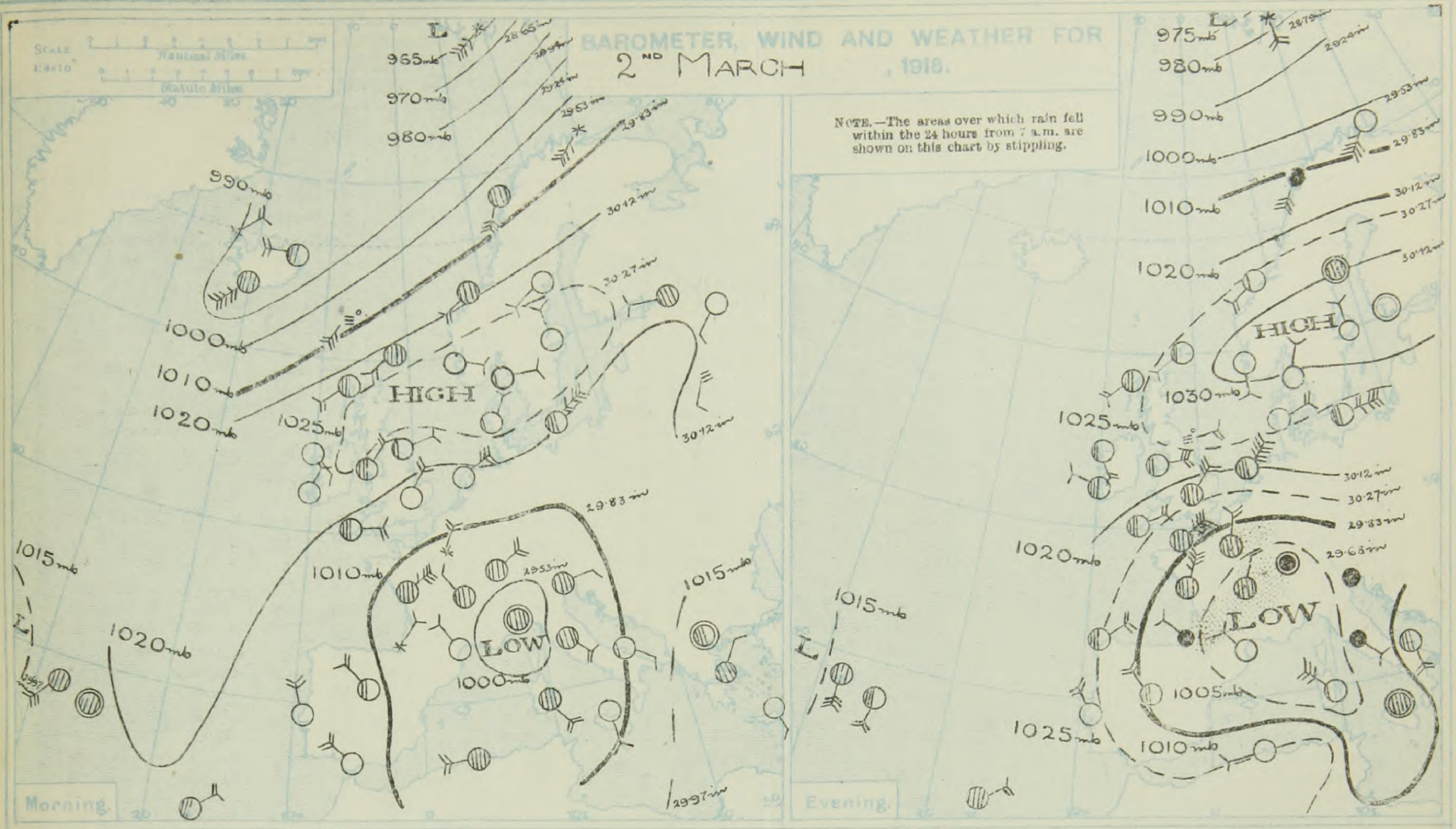
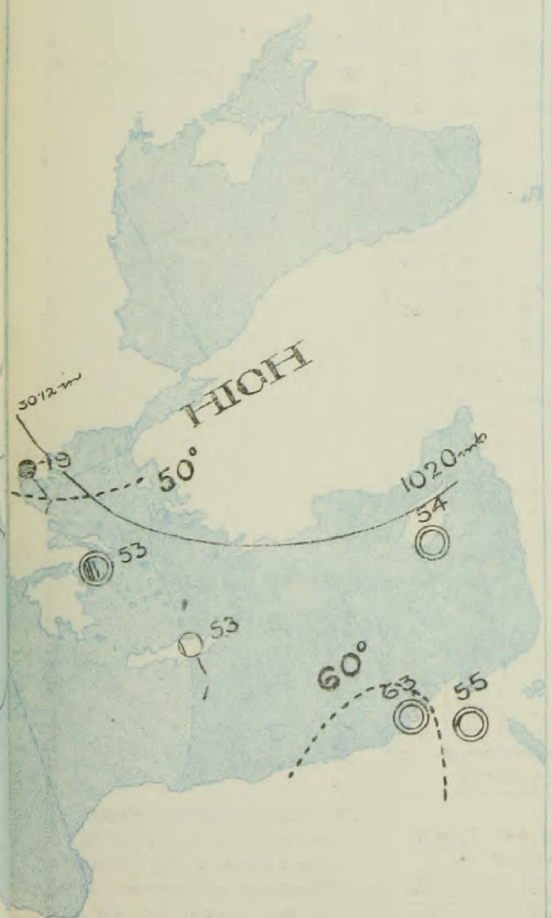
‡ The barometric change is expressed in half-millibars.


THE MORNING OF SUNDAY, 3rd MARCH, 1918.
TEMPERATURE, WEATHER AND SEA DISTURBANCE.
FORECAST DISTRICTS.
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines
WEATHER.—Shown by the following symbols:—
clear sky. sky ½ clouded. sky ½ clouded.
sky ⅞ clouded. overcast sky. rain falling.
snow. hail. fog. mist. thunder.
thunderstorm.
SEA DISTURBANCE.—Rough High
Normal Temperature of the Sea
Below 40° 40°-50° 50°-60° Above 60°
Scale of Tints for MARCH.
LOW
HIGH
Barometric changes slight.
990mb
995mb
1000mb
1005mb
1010mb
1015mb
1020mb
1025mb
1030mb
1035mb
29·24 in
29·38 in
29·53 in
29·68 in
29·83 in
29·97 in
30·12 in
30·27 in
30·42 in
30·56 in
20°
32°
40°
50°





The Present Situation

A very extensive anticyclonic system, with its maximum above 1035 mb. over Russia, extends across the north and west of the British Isles to the Atlantic. A depression is shown over Iceland, another beyond Spitzbergen, and a shallow one of irregular form over France. There are indications of yet another near the Banks of Newfoundland. The NE. wind which prevails from the Baltic across the southern part of the North Sea to the mouth of the English Channel, is fresh to high generally, and attains gale force at the Belder, and a whole gale at Bornholm. Temperature is below 32° in some parts of the United Kingdom, but a little above it in most parts of the country. Much cloud is reported, except in our most western and north-western coasts. Rain is falling at Jersey and in the north-east and south-west of France.

Later:- No important change occurred in the pressure distribution during the day, but owing to a rise of the barometer in France there was a considerable reduction in the gradient over the south-eastern districts and their vicinity, and by the evening the wind fell to a light or moderate breeze.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 62. SUNDAY 3RD MARCH.

	STATIONS.	Evening of 2nd: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 3rd: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 A.M. 3rd: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 2nd.
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1025·9	40	SW	2	bc	1028·2	0	38	-1	S	2	-	bc	2	0·2	42	35	o. c	bc	b.	*
	Deerness (Orkney)							*														
	Stornoway ...	1024·4	40	SW	3	c	1024·8	0	31	-7	SW	1	-	bq	1	-	42	29	o c. o	o	bq	1·5
	Castlebay (Barra Isd.)	1024·1	+2	S	+	bc	1024·6	0	37	-4	SE	4	-	b	4	-	42	37	o. c	c. o. bc	kco. b	1·8
	Glasgow ...	1026·3	35	E	2	oq	1026·0	0	30	+4	E	2	-	o	*	-	39	25	m. bcq	c	bc. bc	0·6
	Eskdalemuir ...	1026·2	31	ENE	2	bv	1025·1	-2	30	+3	NE	4	-	ov	*	-	35	24	c. o	o cv. bv	bv. bc. o	0·7
	Malin Head ...	1024·3	31	SSE	2	bc	1023·3	-1	32	-1	SE	3	-	bx	2	-	45	30	bc	bc	bx	8·8
	Blacksod Point	1022·6	39	SSE	3	bc	1021·9	0	33	0	ESE	3	-	bq	2	-	47	32	bq	bq	bc. bq	*
	Valencia (Cahirciveen)	1021·8	42	WNW	2	c	1020·8	0	33	+5	E	3	-	bx	2	-	46	28	b. by	bcy. c	c bc bx	7·3
	Roche's Point	1022·7	35	ENE	1	b	1021·5	*	34	+3	N	2	-	o	2	-	43	31	b. bc b	b	bx. o	*
	Birr Castle ...	1022·8	35	E	1	c	1022·2	*	29	+6	E	1	-	o	*	-	43	23	c	c	cx. o	6·0
	Donaghadee ...	1024·1	37	E	2	bc	1023·0	-1	35	0	E	4	E	cmq	3	-	*	34	bcq	bc	bc m c m	*
	Liverpool (Bidston)	1023·0	35	ENE	3	o	1021·2	-1	35	+5	ENE	3	N	oq	3	-	39	30	bc	o	o	4·7
	Holyhead ...	1022·6	38	E	5	bc	1021·1	0	35	-1	ENE	5	-	o	4	-	41	34	c. bc	bc c bc	bc. c. o	6·7
	Pembroke (St. Ann's)	1021·2	36	NE	2	b	1019·6	+1	31	-2	NNE	3	NE	bc	2	-	40	31	b. bc	bc. c bc	bc. c. bc	7·0
	Hartland Quay	1019·6	38	NE	5	o	1017·6	0	35	-2	NE	4	NE	o	4	-	40	34	o. bcq	bc sp. o	oq	*
	Scilly (St. Mary's)	1019·2	38	ENE	3	c	1017·6	-1	37	-1	ENE	4	NE	o	2	-	42	34	cq. sp s	c	c. o	5·0
	Falmouth ...	1018·3	36	ENE	6	bcyq	1016·2	+1	31	-2	NNE	4	-	o	*	-	40	30	by. by	bcyq	byx. o	7·5
	Jersey (St. Aubin)	1012·9	37	NE	6	oq	1009·9	*	37	+1	NE	5	-	omr	4	9	40	33	b. os b	b. osy	gs. omr	1·8
	Portland Bill ...	1015·8	36	NE	5	c	1013·3	0	35	+3	NE	6	-	cq	5	-	40	31	bc	bc. c	cq	*
	Dungeness ...	1011·4	37	NE	8	cq	1009·0	-1	36	0	NE	6	-	oq	7	0·2	38	34	cq	cq	cq. or	*
	Dover	*	*	*	*	*													*	*		
	Wick	1026·5	39	S	3	bc	1027·2	0	37	+9	S	3	-	o	3	-		28	bcx	bc	bc. o	*
	Nairn	1025·8	33	-	0	bc	1026·7	*	24	0	-	0	-	bc	0	-	40	22	bc. b	b. bc	bcx	9·5
	Aberdeen ...	1027·6	35	-	0	b	1027·4	0	34	+1	E	4	-	o	2	-	41	32	oq	o. c bc. b	b. bc o	0·0
	Leith	1025·6	37	E	1	bc	1025·6	0	34	+3	E	1	-	o	1	-	40	31	cm. o. c	bc. c. bc	bc. o	*
	Tynemouth ...	1025·2	37	E	3	cm	1024·3	-1	36	-1	ENE	4	W	omq	4	-	40	35	bc	cm	omq	*
	Spurn Head ...	1022·4	36	ENE	6	oqv	1021·2	0	34	-2	E	6	-	c	6	Trace	38	34	cq	cqv	cq	24
	Yarmouth (Gorleston)	1018·5	35	E	7	bcq	1015·2	-1	35	0	ENE	7	-	omq	7	-	38	34	bcq	bcy	bcq. om	7·4
	Clacton-on-Sea	1016·9	36	NE	6	c	1012·8	0	36	+1	ENE	5	-	oq	5	-	39	34	bcy	bcy. c	c. oq	6·6
	Nottingham ...	1021·9	35	ENE	4	o	1019·6	*	33	+2	NE	4	NE	o	*	Trace	37	30	bcp s	cp s. o	o c. b	3·1
	Benson (Oxon.) ...	1018·2	33	NE	4	bc	1015·6	0	33	+5	NE	4	-	o	*	-	39	26	bc	bc	o	*
	Sth Farnborough	1017·2	34	NE	6	o	1014·4	0	33	+4	NE	5	-	o	*	-	40	29	bc cy	cyq. o	o	7·1
	Salisbury Plain	1018·0	31	NE	8	c	1015·8	-1	31	+4	NE	6	-	o	*	-	42	26	bcq	bcq	oq	*
	London (Kew Obsy.)	1017·7	35	NE	5	o	1014·5	0	34	+2	NE	5	-	o	*	-	35	32	bmc. bc	c. o	o	5·7
NORTHERN EUROPE.	Spitsbergen ...	975·6	7	S	4	s	989·1	+10	0	-19	NW	6	*	o	*	*	19	-2				
	Vardö	1000·3	28	SW	7	b	1000·3	+3	39	+20	WNW	9	-	c	6	*	7	16				
	Bodö	1014·0	41	SW	6	r	1023·1	+3	41	+4	SW	7	-	r	5	*	41	34				
	Christiansund ...	1027·1	39	SW	3	b	1032·0	+1	37	-2	SW	2	-	c	4	-	41	28				
	Skudesnaes ..	1031·0	32	S	2	b	1031·2	0	27	-5	NE	2	-	b	1	-	34	27				
	Færder (X'tania Fjord)	1031·0	28	-	0	b	1034·3	+3	23	0	N	2	-	b	1	-	28	23				
	The Scaw (Skagen)	1028·3	32	NNE	2	b	1030·7	+1	27	-1	ENE	3	-	b	3	-	32	27				
	Blaavands Huk	1026·8	28	ENE	3	b	1024·0	-1	28	+3	ENE	5	-	o	*	-	32	21				
	Copenhagen ...	1027·1	30	E	6	o	1027·4	+1	32	+5	E	7	-	o	*	-	32	25				
	Bornholm ...	1023·6	30	ENE	9	c	1025·8	+3	30	+2	E	9	-	o	2	-	32	28				
FRANCE, &c.	The Helder ...	1019·0	36	NE	9	c	1015·0	-1	34	0	NE	8	-	o	6	-	36	34				
	C. Gris Nez ...	1011·4	32	NE	8	s	1009·0	-1	34	0	ENE	7	*	r	5	-	37	34				
	La Hève	1011·2	32	ENE	6	s	1009·6	*	7		?	4	*	o	3	-	39	32				
	Brest (St. Mathieu)	1015·8	37	NE	4	c	1013·2	-1	34	-1	NNE	3	*	o	2	-	39	34				
	Rochefort (Ile d'Aix)	1007·6	34	NNE	7	o	1008·2	+2	32	-3	E	2	*	o	*	-	35	30				
	Biarritz	1006·0	36	NW	2	r	1007·1	+1	36	0	SW	4	*	r	3	17	39	32				
	Paris	1007·1	32	NNE	3	o	1006·8	+2	34	+4	NNE	2	-	o	*	7	34	30				
	Belfort	1004·4	32	-	0	r	1001·6	*	30	-2	W	4	*	o	*	5	32	30				
	Lyons	1003·6	34	NNE	1	o	?	*	32	0	-	0	*	o	*	-	40	31				
	Nice												*									
	Perpignan ..	1004·2	37	NNW	2	b	1008·0	+3	28	-8	SW	1	-	c	*	-	46	23				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna	1015·0	47	NE	4	c	1018·3	+1	37		S	3		c	4	2	48	32				
	Madrid	1007·4	39	NW	4	c	1016·4	+5	28		W	1	S	b	*	-	43	27				
	Lisbon	1015·6	50	NNW	4	b	1016·0	+1	45		-	0	-	c	5	-	52	?				
	Azores (Horta) ...		*				1012·4	0	57	+2	SSW	7	*	o	4	-	61	57				
	Madeira	1018·8	57	NE	3	o	1019·8	+1	54	+2	NE	3	N	c	3	-	59	50				
	Gibraltar							*					*									
	Malta	*	*	*	*	*	1011·6	0	54	-3	NW	5	-	b	2	-	59	48				
	Limassol	*	*	*	*	*	1019·4	0	54	-3	-	0	-	b	0	1	66	45				
	Alexandria ...	1017·1	61	N	2	b	1019·5	+1	63	+8	-	0	-	b	0	-	77	55				
	Cairo (Helwan) ...	1017·5	66	-	0	b	1018·6	+2	55	-4	-	0	-	b	*	-	75	57				

GALES.
Duration and Extreme Force in British Isles.

DUNGENESS
NE. 8. 8h (1st) - 3h (2nd)

AURORA observed at STORNOWAY.

LONDON 3rd MARCH. 9h. G.M.T.	Humidity. 15 h. 2nd	Humidity. 9 h. 3rd	Sunshine for 2nd	24 Hours ended 9 h. 3rd: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	53	87		39	33	22	-	c	c	o. ods
CITY (Bunhill Row)	*	*	4·6	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	65	88	4·4	39	*	32	-	bc. omr	bc	bc. bm
CAMDEN SQ. (British Rainfall) ..	62	90	6·1	40	33	29	-	b	bc	*
S. KENSINGTON (Museum Grounds)	*	84	4·7	39	34	*	-	bsq	oq	oq

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 2nd.

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
590	15·0	45

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,556. .. Monday: 4th. MARCH, ... 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

There were nine hours of bright sunshine at Valencia, and 8 hours at Pembroke and Aberystwyth, but over Eastern England little or none. Rainfall amounting to 1 mm. fell at a few British stations. The maximum was below 40° generally, and there was fairly sharp frost at Nairn and Eskdalemuir. The weather was misty on the East coast and in the south of England.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. Sunday: 3rd. MARCH.

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 3rd.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	–	–	38	27	c.bc	bcsp	3.5
	Montrose	–	–	40	32	o	o	0.4
	St. Andrews							
Eng. N.E.	Harrogate	–	–	34	31	o	o	0.0
	Skegness	–	0.1	37	33	o	od	0.0
England, E.	Felixstowe	–	–	37	33	odq	odq	0.0
	Southend-on-Sea	–	1	37	33	o	od.r	0.0
England, S.E.	Margate	–	–	38	34	oq.o	o	0.0
	Hastings	0.4	2	36	33	or	o	0.0
	Eastbourne	0.1	1	38	34	orq.om	og	0.0
	Seaford	*	*					
	Worthing	–	1	37	34	o	or	0.0
	Littlehampton							
	Bournemouth	–	–	35	32	o	o	0.0
Sc'tld W.	Oban	–	–	37	25	o.c.o	o.c.o	0.8
Eng. N.W.	Morecambe					*	*	
	Southport	–	–	40	32	o.c.bc	bc.b.bc	5.2
Midlands.	Malvern							
	Ross-on-Wye	–	–	36	31	om	om	0.0
Wales.	Rhyl	–	–	38	32	o	cg	1.8
	Colwyn Bay	–	–	40	34	c	c.o	2.0
	Llandudno	*	*	39	34	o	o.b	2.7
	Aberystwyth	*	*	39	30	o.c.b	b	8.0
England, S.W.	Weymouth	*	*					
	Torquay	–	–	39	33	c	b.bc	2.4
	Paignton	*	*	35	32	o	o	0.0
	Penzance							
	Newquay							
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF Sunday: 3rd. MARCH.

	STATIONS.	Evening of 2nd. Barom. Millibars at M.S.L.	Evening of 2nd. Temp.	Evening of 2nd. Wind Direc.	Evening of 2nd. Wind Force 0-12.	Evening of 2nd. Weather.	Morning of 3rd. Barometer. Millibars at M.S.L.	Morning of 3rd. Barometer. Change in 3 hours.	Morning of 3rd. Temp. Dry Bulb.	Morning of 3rd. Temp. Change in 24 hours.	Morning of 3rd. Wind. Direc.	Morning of 3rd. Wind. Force 0-12.	Morning of 3rd. Weather.	Morning of 3rd. Rainfall. Millimetres.	Morning of 3rd. Temp. Max.	Morning of 3rd. Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö	1031.8	18	–	0	b	1035.7	+1	21		WSW	2	o	–	*	9
	Yuriev															
	Petrograd	1030.4	14	W	2	b	1035.3	+2	9		WSW	2	b	–	25	5
	Vijni Volotchok	1030.7	16	N	2	o	1037.3	+5	14		NW	1	s	–	*	16
	Gorki	?	25	E	2	bc	1034.9	*	27		–	o	o	–	*	23
	Moscow	1029.0	19	NW	2	b	1035.9	o	16		SW	2	o	–	*	12
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1006.2	52	ESE	2	r	1010.6	*	46	-2	S	1	o	12	52	46
	Turin	1003.5	39	–	0	r	1010.9	*	37	-2	–	o	o	15	43	36
	Pesaro						1011.3	*	46	-2	–	o	c	–	57	45
	Leghorn	1002.1	48	–	0	o	1009.9	*	43	-12	–	o	c	22	59	47
	Rome	1006.2	60	SE	2	r	1012.1	*	45	-9	–	o	o	22	61	45
	Viesti	1008.6	54	SSE	4	c	1012.7	*	50	+2	S	3	o	2	55	48
	Brindisi	1013.3	52	SE	1	b	1014.1	*	52	+6	SE	1	o	–	61	50
	Cagliari	1004.6	55	W	5	c	1009.7	*	52	-3	E	3	bc	2	?	?
	Palermo	1007.5	55	–	0	o	1013.1	*	48	-11	–	o	o	3	68	43
	Tripoli	1010.6	54	WSW	1	b	1016.6	*	52	-2	W	1	b	–	72	50
	Algiers	1015.0	46	WSW	2	b	1015.2	+1	45	0	SW	5	o	3	55	41
SWEDEN.	Hernösand	1038.7	32	–	0	o	1031.2	*	19	+3	–	o	bc	*	*	*
	Stockholm	1031.5	25	NNW	2	b	1036.0	*	25	+24	SSW	2	b	*	*	*
	Wisby	1030.0	27	NE	2	c	1034.4	*	30	+3	ENE	2	b	*	*	*

Morning of 3rd.

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Weather.
		°F	°F			
Isafjord	1000.2	34	+6	–	0	c
Reykjavik	997.6	34	+2	–	0	b
Vestmanna	995.4	32	-15	N	5	bc
Seydisfjord	1001.2	32	-9	–	0	s
Thorshavn	1019.9	41	-3	SE	1	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

4th and 5th. MARCH 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.36 / 6.34	12.5 / 12.3	5.34 / 5.36
Greenwich	6.42 / 6.40	12.12 / 12.12	5.42 / 5.44
Wick	7.3 / 7.0	12.24 / 12.24	8.45 / 8.48
Valencia	7.24 / 7.22	12.53 / 12.53	6.22 / 6.24

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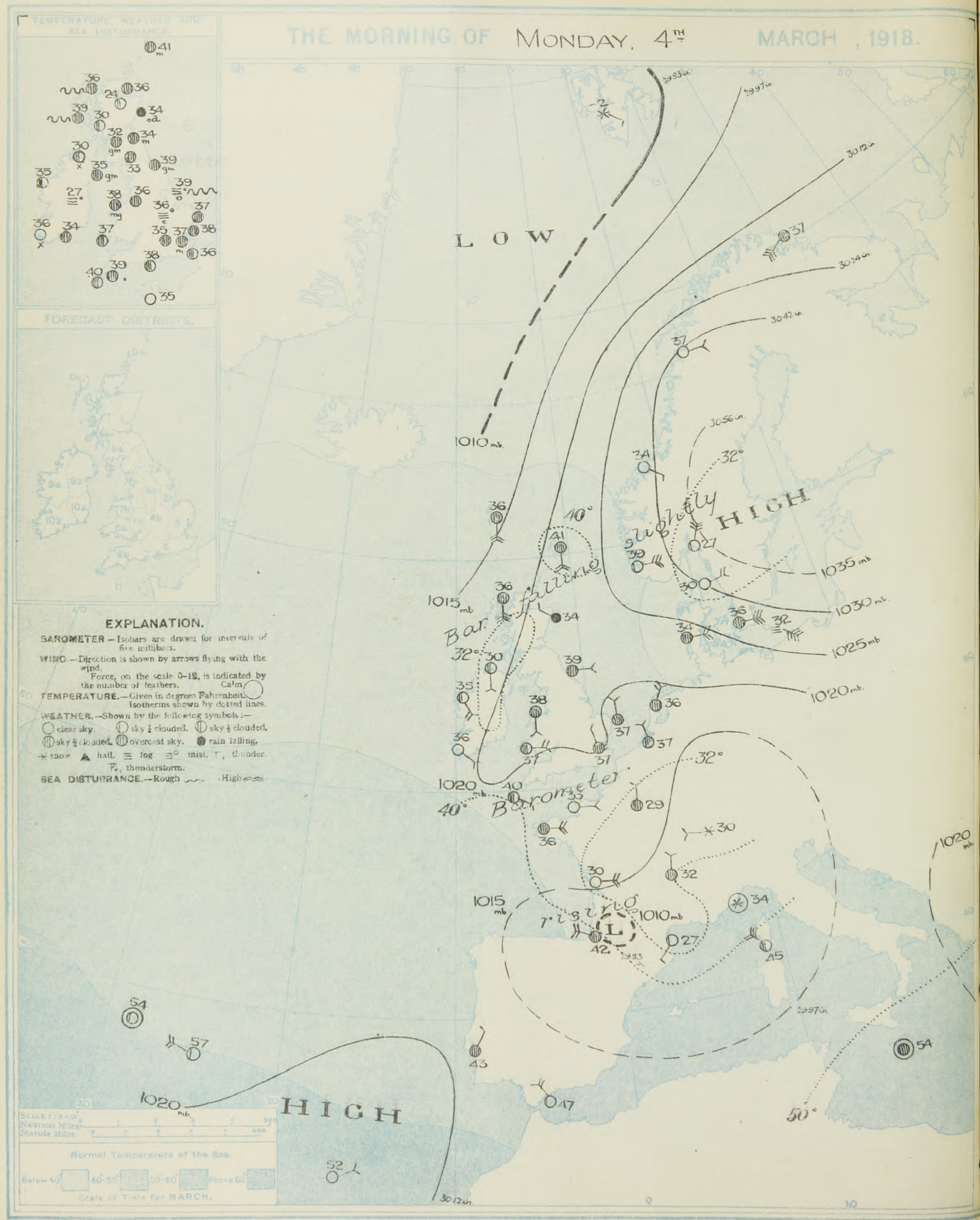
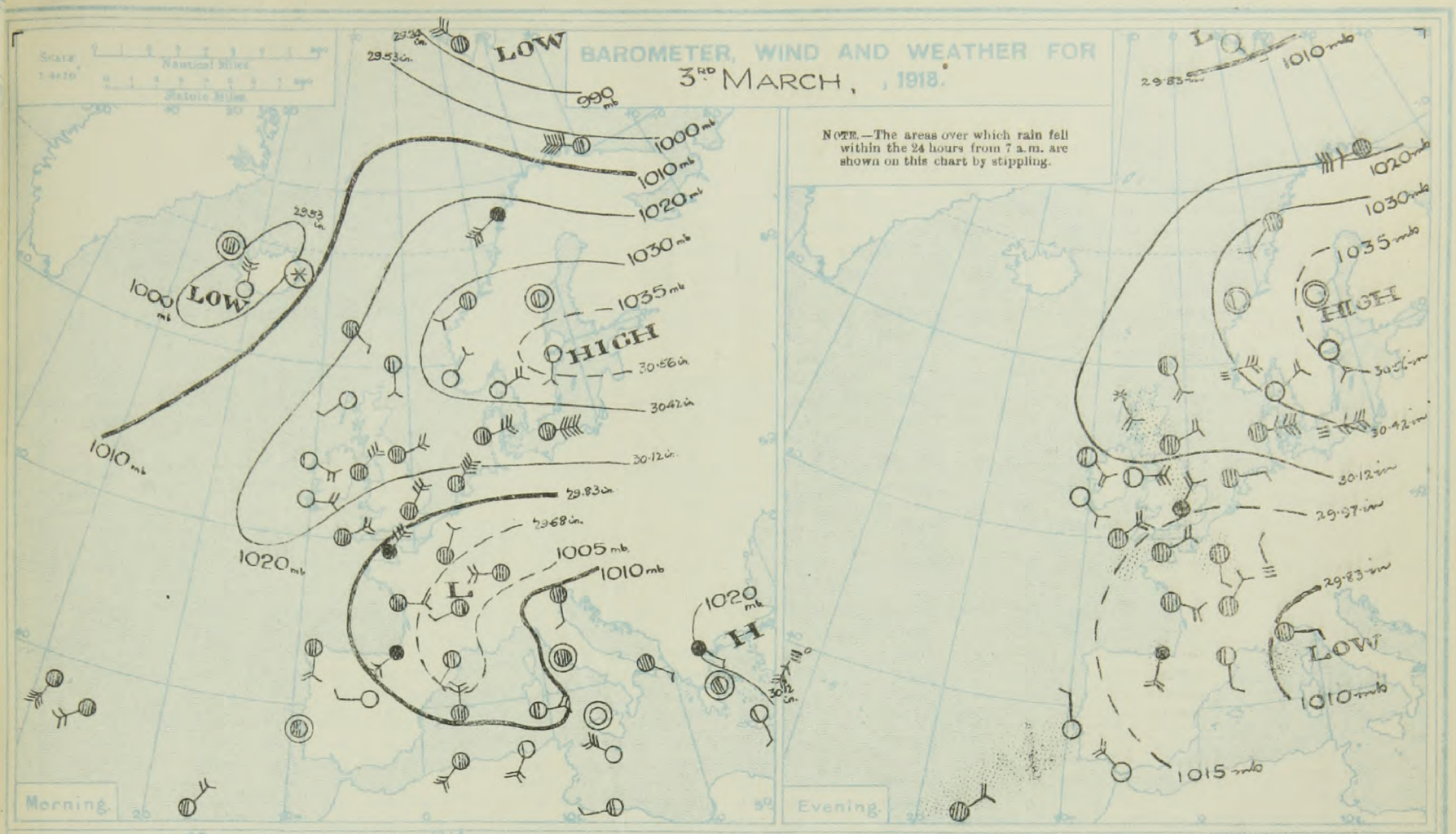
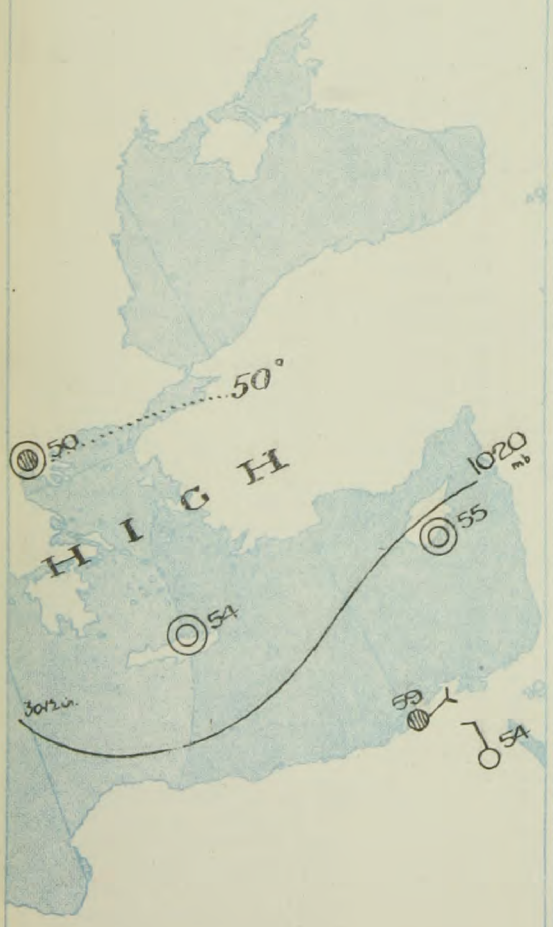
‡ The barometric change is expressed in half-millibars.

THE MORNING OF MONDAY, 4TH MARCH, 1918.







The Present Situation

A large anticyclone still covers Sweden, with an extension over the North Sea and England. In Denmark and Southern Sweden the East wind blew with gale force yesterday evening, and is still rather strong, but over the western half of the North Sea and in England and Northern France, the force has become quite light. In the Hebrides the Southerly breeze has become strong, probably under the influence of a depression which was over Iceland yesterday morning. A depression in the neighbourhood of the Azores caused a Southerly gale there in the night. The weather is fine in the west of Ireland and in Norway, dull and misty generally elsewhere. Snow is falling at Belfort
Temperature varies between 30° and 40°
over the British Isles, Scandinavia and France.

The General Outlook

The barometer is rising slowly over France and Southern England. Light breezes, indefinite in direction, and cloudy weather, with local mist are probable over the British Isles except in the north west, where a Southerly current will become general and will blow strongly on parts of the coast. Some showers are likely in the west of Scotland. Temperature will continue rather low except on our western coasts.

H. H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 63 Monday, 4th MARCH.

	STATIONS.	EVENING OF ...3rd... Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	MORNING OF ...4th... Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 HOURS ENDED 7 A.M. ...4th... Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 3rd. Hours.
BRITISH ISLANDS.	Lerwick ...	1027·8	37	SSE	3	c	1022·3	−1	41	+3	S	4	–	om	4	–	41	35	bc.b	bc	om	*
	Deerness (Orkney)							*														
	Stornoway ...	1023·4	35	SSE	3	osp	1018·7	−1	36	+5	S	6	–	o	5	–	39	30	b.bc.c	c.osp	o	0·5
	Castlebay (Barra Isd.)	1022·0	37	SE	4	o	1018·2	−1	39	+2	S	5	–	o	5	–	39	36	b.o	o.c.o	o	2·7
	Glasgow ...	1023·8	33	E	1	omg	1022·2	+1	32	+2	ESE	1	–	omg	*	0·1	35	28	omg	om	b.oxsp	0·1
	Eskdalemuir ...	1023·0	30	ENE	3	bcy	1022·0	+1	33	+3	N	1	–	o	*	0·1	33	25	oy.o	o.oy.cy	bcy.c.o	0·4
	Malin Head ...	1021·8	34	SE	3	cx	1019·7	−1	30	−2	S	2	–	bcx	2	–	40	28	bcx	cx	bcx	1·1
	Blacksod Point	1019·9	35	SE	3	bc	1017·8	−1	35	+2	SSE	3	SE	bc	3	–	38	31	bc	bc	bc	*
	Valencia (Cahirciveen)	1019·5	40	SE	2	bz	1019·2	0	36	+3	SE	2	–	bx	2	–	44	31	b.byz	byz.bz	b.byz	9·0
	Roche's Point	1020·7	35	E	1	b	1020·5	*	34	0	NW	1	–	o	1	0·2	41	30	b	b	bx.om	*
	Birr Castle ...	1021·1	35	E	1	o	1020·4	*	27	−2	S	1	–	m	*	–	38	27	o.c.o	o.c.o	o.c.oz	0·5
	Donaghadee ...	1020·9	37	E	4	cm	1020·5	+1	35	0	WSW	1	–	omg	1	Trace	?	32	cmq.bc	bcspq	cm.omg	*
	Liverpool (Bidston)	1020·4	35	ENE	3	c	1020·9	0	36	+1	–	0	–	o	1	–	37	34	cm	bcm	o	2·1
	Holyhead ...	1019·9	37	E	5	bz	1020·3	+1	38	+3	S	2	–	omg	0	–	39	34	o.c.o	c.bc.b	bc.b.om	2·2
	Pembroke (St. Ann's)	1019·0	37	NE	3	bc	1020·5	+1	37	+6	E	3	E	c	2	–	40	31	bc	bc	bc.c	7·8
	Hartland Quay	1018·0	37	NE	3	o	1020·6	+3	34	−1	E	2	–	b	2	–	39	33	oq.c	c.oz	oz.o.ox	*
	Scilly (St. Mary's)	1017·8	39	NE	4	o	1019·0	+1	40	+3	ESE	2	E	c	4	–	40	35	o	o	c	0·0
	Falmouth ...	1016·6	37	NNE	3	oz	1018·8	+3	39	+8	E	4	–	o	*	–	41	30	o.c.bc	bc.o.c.o	o	2·5
	Jersey (St. Aubin)	1012·3	37	ENE	3	o	1018·9	*	35	+2	E	2	–	b	2	5	39	33	omr.o	or.o	o.bwx	0·0
	Portland Bill ...	1014·0	34	NE	4	c	1019·2	+3	38	+3	ENE	3	–	c	3	–	38	33	cq	o.c	cg	*
	Dungeness ...	1013·9	37	ENE	3	c	1018·9	+1	36	0	ENE	3	NE	c	3	1	38	35	or	or.cp	c.o.c	*
	Dover	*	*	*	*	*													*	*		
	Wick	1025·7	35	SSE	2	omg	1021·2	−1	36	−1	S	3	–	o	4	0·2	37	35	o.cm	c.omg	ompg	*
	Nairn	1024·7	33	–	0	c	1021·5	*	24	0	–	0	–	bc	0	–	36	23	bc.c	bc.c	c.bc	1·8
	Aberdeen ...	1025·0	36	E	3	o	1022·3	+1	34	0	WNW	1	–	od	3	1	40	33	o.cy	osp.cy	od.r	2·1
	Leith	1023·2	36	E	2	o	1021·1	0	34	0	SSW	1	–	om	1	1	38	33	og.c.o	o	omd.o	*
	Tynemouth ...	1021·0	37	ENE	3	omq	1020·5	+1	39	+3	E	2	–	omg	3	Trace	39	35	cm	omg	omg	*
	Spurn Head ...	1008·4	36	ENE	5	odq	1020·3	0	39	+5	ESE	1	–	o	5	1	39	33	c.odq	odq	om	0·0
	Yarmouth (Gorleston)	1015·1	37	ESE	4	o	1019·3	0	37	+2	N	2	–	om	4	1	37	35	omdq	omd	om	0·0
	Clacton-on-Sea	1015·2	37	ENE	3	og	1019·6	+1	38	+2	NNE	2	–	og	1	0·4	38	35	odg	odg	og	0·0
	Nottingham ...	1016·3	35	NE	3	r	1020·6	*	36	−3	NE	1	–	ome	*	1	36	33	o	ors	od.r	0·0
	Benson (Oxon.) ...	?	35	?	3	o	1020·1	+2	35	+2	–	0	–	o	*	0·4	35	32	o	od	om	*
	Sth Farnborough	1015·4	35	NE	2	odm	1020·3	+1	35	+2	NW	1	–	om	*	1	35	33	os.srm	sr.dm	d.r.om	0·0
	Salisbury Plain	1015·7	33	NNE	4	r	1020·8	+2	34	+3	E	1	–	o	*	1	34	31	oq	od	o	*
	London (Kew Obsy.)	1015·5	37	NE	3	odm	1020·1	+1	37	+3	NNW	1	–	om	*	1	37	34	o.odm	odm	omd.om	0·0
NORTHERN EUROPE.	Spitsbergen ...	1008·6	−13	SE	1	b	1007·9	−1	−2	−2	SE	1	*	s	*	*	−2	−18				
	Vardö	1018·3	34	W	8	o	1020·3	0	37	−2	SW	6	–	o	4	*	39	18				
	Bodö	1030·4	41	SW	2	o	1030·8	0	37	−4	E	2	–	b	1	–	41	34				
	Christiansund ...	1032·0	36	–	0	b	1029·4	−3	34	−3	SE	1	–	b	4	–	41	28				
	Skudesnaes ..	1028·4	39	E	5	g	1026·4	−1	39	+12	E	5	–	b	2	–	39	27				
	Færder (X'tiania Fjord)	1035·2	32	NE	3	b	1034·8	0	27	+4	NNE	6	–	b	2	–	32	23				
	The Scaw (Skagen)	1030·6	34	NE	3	b	1030·7	0	30	+3	ENE	3	–	b	3	–	36	27				
	Blaavands Huk	1023·2	34	E	8	o	1024·6	+1	34	+6	E	4	–	o	*	–	37	27				
	Copenhagen ...	1028·0	34	E	8	o	1029·0	+1	36	+4	E	6	–	o	*	–	36	32				
	Bornholm ...	1027·8	32	E	9	g	1029·1	+1	32	+2	ESE	7	–	g	2	–	34	30				
FRANCE, &c.	The Helder ...	1017·0	38	E	1	o	1018·8	−2	36	+2	NNE	3	–	o	2	–	37	34				
	C. Gris Nez ...	1014·4	34	E	3	o	1018·8	0	37	+3	ENE	3	*	o	1	–	37	34				
	La Hève	1014·7	32	E	2	o	1019·6	*	30	?	–	0	*	m	2	–	34	30				
	Brest (St. Mathieu)	1014·4	39	NNE	3	o	1018·7	+5	36	+2	E	4	*	o	3	6	41	34				
	Rochefort (Ile d'Aix)	1011·9	36	ESE	3	o	1015·4	+3	30	−2	E	4	*	b	*	–	44	34				
	Biarritz	1011·1	38	SSW	4	r	1010·8	+3	42	+6	WNW	3	*	o	3	27	42	36				
	Paris	1015·4	35	SSE	2	b	1017·5	0	29	−5	N	2	–	o	*	1	37	25				
	Belfort	1015·9	?	NNW	1	g	1012·8	*	30	0	W	2	*	s	*	4	39	30				
	Lyons	1012·8	37	NNE	2	o	1014·3	*	32	0	N	2	*	o	*	–	46	30				
	Nice	1010·0	41	E	1	o	1011·4	+2	34	–	–	0	*	s	2	2	46	32				
	Perpignan ..	1011·8	37	S	1	bc	1012·8	+1	27	−1	SW	1	–	b	*	–	50	25				
	Sanguinaire ...	1008·0	48	SE	5	r	1012·0	*	45	–	NW	5	*	bc	4	15	52	40				
SOUTHERN STATIONS.	Corunna																					
	Madrid														*							
	Lisbon	1018·3	50	NNW	1	b	1019·1	+1	43	−2	NNE	1	–	o	2	Trace	54	43				
	Azores (Horta) ...	1011·4	*	SSW	8	m	1017·0	+6	54	+3	–	0	*	b	2	2	63	54				
	Madeira	1022·3	57	NE	3	o	1023·4	0	52	−2	NE	2	–	b	3	–	63	52				
	Gibraltar	1017·6	50	NW	4	b	1017·3	*	47	–	NW	3	*	b	3	–	58	43				
	Malta	*	*	*	*	*	1018·7	+3	54	0	W	1	–	o	0	–	59	50				
	Limassol	*	*	*	*	*	1019·5	0	55	+1	–	0	–	b	0	Trace	64	41				
	Alexandria ...	1019·1	61	N	2	b	1019·4	+2	59	−4	ENE	2	–	o	1	–	70	55				
	Cairo (Helwan) ...	1017·8	64	N	2	b	1017·9	+2	54	−1	N	1	–	b	*	–	75	48				

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

LONDON

4th MARCH, ...9h. G.M.T.

	Humidity. 15 h. 3rd	Humidity. 9 h. 4th	Sunshine for 3rd	24 Hours ended 9 h. ...4th... Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	94	83	0·0	37	34	34	1	o.od	orsod	od.o
CITY (Bunhill Row)	*	*	0·0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	98	78	0·0	38	?	35	1	b.od	oc	ome
CAMDEN SQ. (British Rainfall) ..	–	83	0·0	38	34	31	1	—	–	*
S. KENSINGTON (Museum Grounds)	*	83	0·0	37	36	*	*	o.odq	od	od.o

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during ..3rd..

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
60	1·6	5·5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,557. Tuesday, 5th MARCH, 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Somewhat higher temperatures than of late were recorded in the west, 48° at Scilly and Valencia. The minimum was down to 21° at Nairn, but few other stations had appreciable frost. A Rain amounting to 3 mm. fell at Yarmouth and Clacton. Sunshine records were very good in SW. England and at Malin Head, but over the rest of the country there was as a rule none, except at Nairn which recorded 7½ hours.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. Monday, 4th MARCH.

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 4th.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	0·3	–	43	32	c.bc	bc	4·4
	Montrose	1	–	41	33	o	o	0·3
	St. Andrews	*	*	41	33	c	o	1·2
Eng. N.E.	Harrogate	1	0·1	38	32	om	omq	0·0
	Skegness	1	–	40	35	o	od	0·0
England, E.	Felixstowe	0·1	–	41	36	om	omq	0·0
	Southend-on-Sea	–	–	40	35	o	oz	0·0
England, S.E.	Margate	–	–	40	36	o	o	0·0
	Hastings	–	–	39	35	o	o	0·0
	Eastbourne	–	–	41	36	o.c	c.o	0·0
	Seaford	*	*	39	35	o	o	0·0
	Worthing	–	–	38	36	o	o	0·0
	Littlehampton							
	Bournemouth	Trace	–	39	34	o	o	0·0
Scotland W.	Oban	–	–	42	25	bc.o	o	3·3
Eng. N.W.	Morecambe	–	–	41	34	*	*	0·0
	Southport	–	–	40	35	o	o	0·0
Midlands.	Malvern	–	–	39	?34	cm	cm	0·0
	Ross-on-Wye							
Wales.	Rhyl	–	–	40	32	og	og	0·0
	Colwyn Bay	–	–	40	34	cg	cg	0·0
	Llandudno	*	*	41	34	o	o	0·0
	Aberystwyth	*	*	40	35	o.c	c.o	0·0
England, S.W.	Weymouth	*	*	43	34	bc.c	c.b.ome	1·3
	Torquay	0·3	–	47	35	o.c.bc	bc.b	5·2
	Paignton	*	*					
	Penzance	–	–	48	34	bc.b	c	8·0
	Newquay	–	–	45	32	b	b	6·5
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF Monday, 4th MARCH.

	STATIONS.	Evening of 3rd. Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 4th. Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö														*	
	Yuriev															
	Petrograd	1038·3	21	W	3	b	1044·3	+2	14	+5	W	1	b	–	21	7
	Vijni Volotchok	1040·0	21	–	0	b	1042·4	+3	16	+2	W	1	b	–	*	14
	Gorki							*							*	
	Moscow	1044·3	16	WNW	2	o	1042·6	+2	10	–6	WNW	2	b	–	*	9
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice	1012·2	43	–	0	r	1015·0	*	41	–5	ENE	2	r	7	50	41
	Turin	1013·7	39	–	0	b	1014·2	*	36	–1	N	3	o	–	46	34
	Pesaro	1013·3	45	–	0	b	1013·9	*	43	–3	–	0	o	–	54	39
	Leghorn	1011·1	46	–	0	b	1011·4	*	41	–2	S	1	o	2	54	39
	Rome	1013·8	48	SE	1	b	1015·8	*	45	0	SE	1	o	5	55	45
	Viesti	1017·1	54	W	3	b	1017·4	*	46	–4	SSE	1	b	9	52	45
	Brindisi	1013·7	52	N	1	r	1017·0	*	46	–6	NW	1	c	32	59	46
	Cagliari	1011·3	54	SSE	5	o	1015·1	*	48	–4	NNW	4	b	1	59	41
	Palermo	1015·4	46	SE	1	b	1019·0	*	45	–3	–	0	b	–	59	37
	Tripoli						1007·8	*	50	–2	SE	1	o	–	61	43
	Algiers	1017·1	45	WSW	3	b	1017·9	0	43	–2	WSW	4	b	5	52	45
Sweden.	Hernösand	1035·5	36	–	0	b	1036·8	*	18	–1	–	0	b	*	*	*
	Stockholm	1038·2	27	SSE	2	b	1032·3	*	25	0	E	2	b	*	*	*
	Wisby	1036·2	28	ENE	2	b	1036·0	*	30	0	SE	4	b	*	*	*

Morning of 5th.

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	971·8	41	+7	SW	5	c
Reykjavik	982·8	37	+3	SW	7	c
Vestmanna	987·1	41	+9	SW	6	c
Seydisfjord	987·2	45	+13	SW	9	r
Thorshavn	1013·1	36	–5	S	5	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

5th and 6th MARCH, 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·34 6·32	12·5 12·5	5·36 5·38
Greenwich	6·40 6·38	12·12 12·12	5·44 5·46
Wick	7·0 6·57	12·24 12·24	5·48 5·50
Valencia	7·22 7·20	12·53 12·53	6·24 6·26

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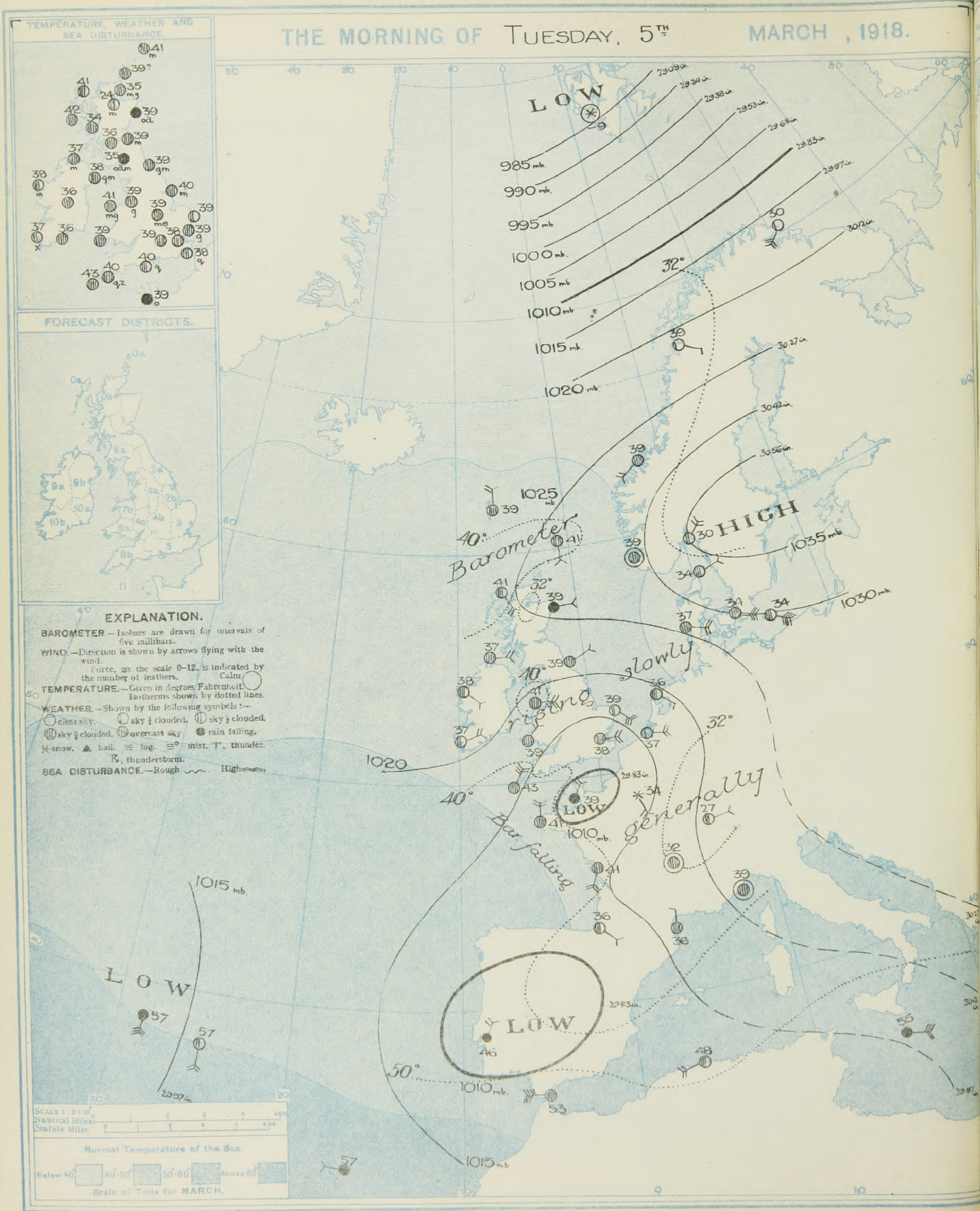
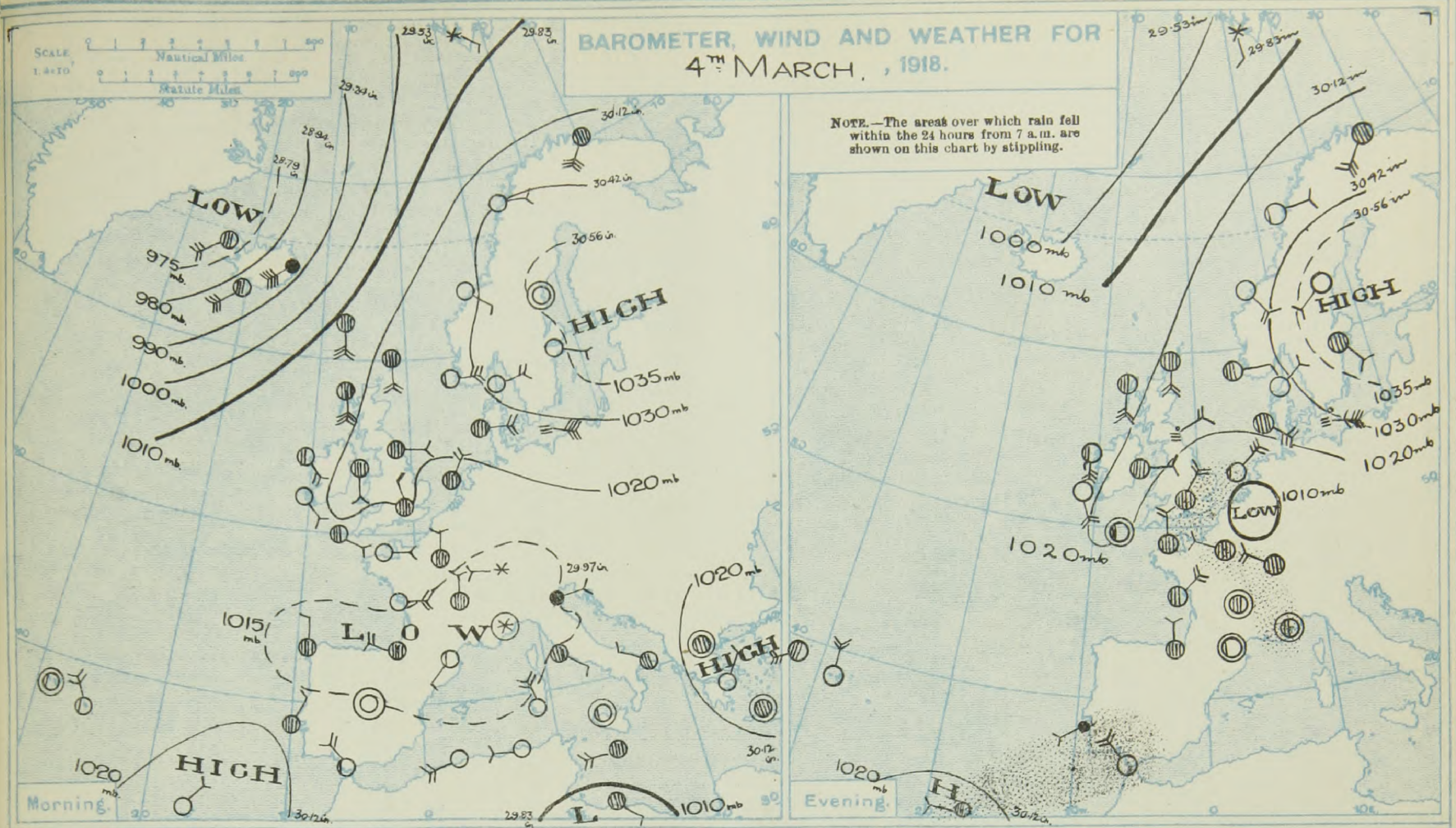
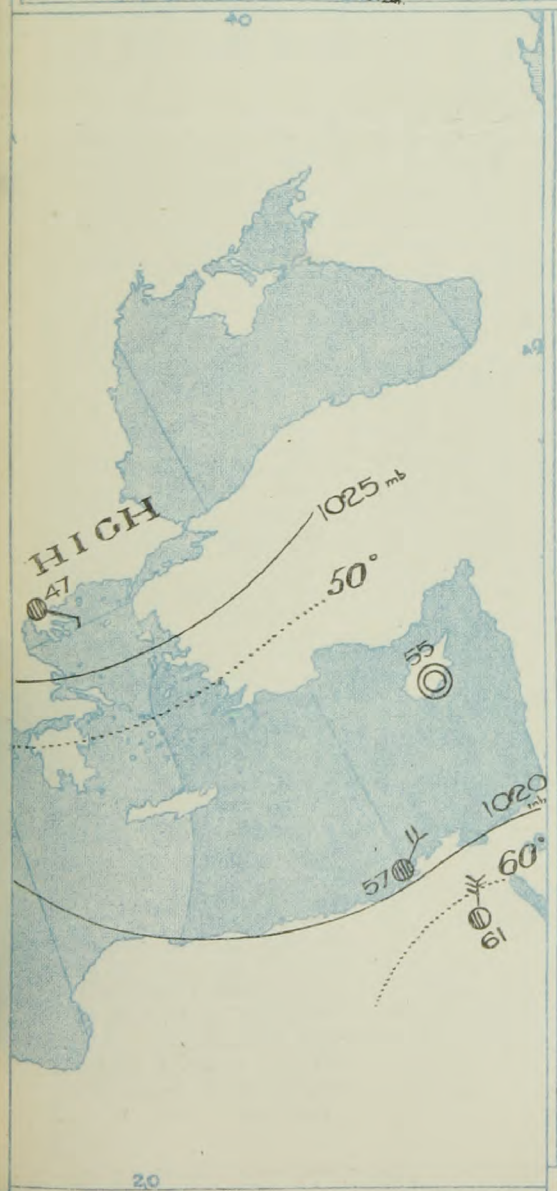
‡ The barometric change is expressed in half-millibars.

THE MORNING OF TUESDAY, 5TH MARCH, 1918.







The Present Situation

A large anticyclone of considerable intensity, barometer above 1035 mb., lies over Southern Scandinavia. The depression that was forming over the Low Countries yesterday morning was over NE. France in the evening and is now centred near Havre. Its motion is still towards W. or SW. Reports from the Azores indicate another depression on the western side of the Atlantic. Over the British Isles generally and the North Sea the wind is from between N. and E., fresh or strong in the Channel and in Denmark, light or moderate elsewhere. The weather is nearly everywhere dull, with rain in the Eastern Channel, and snow at Paris. Rather low temperatures prevail over the whole area.

The General Outlook

The barometer is rising generally, except at the Mouth of the Channel. In Scotland light SE. airs and cloudy weather are likely, but over the remaining part of the United Kingdom there will be moderate to fresh NE. winds and dull weather with some drizzling rain in the south west.

H.H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 64. 5th MARCH

	STATIONS.	Evening of 4th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 5th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 a.m. 5th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 4th. Hours.
BRITISH ISLANDS.	Lerwick ...	1021·3	42	S	4	oln	1026·0	+2	41	0	S	2	–	om	2	1	42	38	omp	om	oln	*
	Deerness (Orkney)						1026·1	*	39		NE	1	–	o	2	–	41	38			c·o	0·0
	Stornoway ...	1019·0	41	S	5	c	1024·8	+3	41	+5	SSE	3	–	c	3	–	41	36	c	c	eq	0·9
	Castlebay (Barra Isd.)	1019·3	42	SSW	5	cln	1023·8	+3	42	+3	E	2	–	o	2	–	43	38	o.c.o	o.c.o.cm	cm.o	2·2
	Glasgow ...	1022·8	36	E	1	omg	1022·9	0	36	+4	ENE	2	–	oln	*	Trace	37	31	omg	omg	oln|pd	0·0
	Eskdalemuir ...	1022·5	34	ENE	1	om	1021·6	+1	35	+2	NNE	4	–	oind	*	0·1	36	33	o.om	om	ome	0·0
	Malin Head ...	1019·4	38	S	4	bcm	1023·1	+1	37	+7	E	3	–	oln	2	–	40	29	bcm	bcm	oln	8·5
	Blacksod Point	1018·7	41	S	5	bcz	1021·2	+2	38	+3	SE	2	SE	cln	3	–	42	36	bz	bcz	om.cln	*
	Valencia (Cahirciveen)	1018·1	43	SSE	4	b	1020·9	+1	37	+1	ENE	3	–	bcx	4	–	48	31	b.oz	oz.b	c.bc bx	4·5
	Roche's Point	1020·3	43	SW	1	bc	1020·3	*	36	+2	NNW	2	–	o	2	0·2	47	33	o.c	c.bc	c.om	*
	Birr Castle ...	1019·4	39	S	1	o	1020·8	*	36	+9	NNE	1	–	o	*	–	46	27	o.c	cz	o	0·9
	Donaghadee ...	1020·6	39	S	1	omg	1021·4	+1	38	+3	NE	4	–	oing	3	–	?	35	omg	omg	omg	*
	Liverpool (Bidston)	1020·3	39	NNE	1	og	1018·2	0	39	+3	ENE	2	–	og	1	–	40	36	c	oz	o	0·0
	Holyhead ...	1020·4	40	E	2	o	1018·3	-2	41	+3	E	4	–	omg	3	–	42	37	omg	omg	omg	0·0
	Pembroke (St. Ann's)	1020·3	39	N	2	c	1016·2	+1	39	+2	NE	3	–	o	1	–	45	37	c.bc	bc.c	o.c.o	6·0
	Hartland Quay	1018·7	41	?N	4	c	1014·6	+1	41	+7	NNE	3	–	m	3	–	45	33	b.bz	b.bc	o.oln	*
	Scilly (St. Mary's)	1020·0	42	–	0	bc	1015·4	-1	43	+3	NNE	5	N	o	4	–	48	39	c	c.bc	bc.c.o	8·5
	Falmouth ...	1018·5	40	N	3	bz	1013·0	+2	40	+1	N	5	–	oqz	*	–	47	36	o.bc	by.bc.b	bcz.oz	6·8
	Jersey (St. Aubin)	1016·6	41	N	3	o	1009·5	*	39	+4	NNE	3	–	or	3	6	43	34	bc.o.b.o	o.c.o	ogr	1·5
	Portland Bill ...	1016·5	39	N	5	cm	1011·1	0	40	+2	NNE	5	–	eq	3	–	41	36	c	bc.c	o.c	*
	Dungeness ...	1012·6	40	NNE	5	oq	1009·8	+1	38	+2	NE	5	NE	eq	5	–	42	36	cq	c.oq	c.o.cq	*
	Dover ...	*	*	*	*	*													*	*		
	Wick ...	1021·4	37	–	0	omg	1025·9	+4	35	-1	–	0	–	oing	3	–	40	30	omg	omg	bc.oing	*
	Nairn ...	1020·4	34	–	0	bcm	1025·4	*	34	0	–	0	–	cm	0	–	40	21	bc	b.bc	bcm.c	7·5
	Aberdeen ...	1022·5	40	SSE	3	c	1025·2	+3	39	+5	E	2	–	od	3	0·4	42	34	omgd.o	om.c	c.od	0·0
	Leith ...	1022·2	38	E	1	o	1023·0	+1	39	+5	E	2	–	oin	3	0·3	40	33	om.c.o	om.o	omd.o	*
	Tynemouth ...	1021·1	40	ENE	2	om	1021·6	0	39	0	ENE	2	–	omg	4	–	40	38	om	omg	omg	*
	Spurn Head ...	1019·1	39	NE	3	o	1018·3	0	40	+1	E	4	–	oin	5	1	40	37	o	od	omd	0·0
	Yarmouth (Gorleston)	1014·8	38	NNE	7	o	1015·6	+3	39	+2	SE	5	–	bc	5	3	41	37	omd	omq	omrq.c	0·0
	Clacton-on-Sea	1013·8	40	NNE	4	ogz	1013·7	+2	39	+1	ENE	4	E	og	3	3	42	37	ogz	ogz	org	0·0
	Nottingham ...	1019·0	39	NNE	2	o	1016·8	*	39	+3	NE	4	–	ome	*	0·3	39	36	oine	ome	ed	0·0
	Benson (Oxon.) ...	1016·7	38	N	4	o	1012·2	+1	39	+4	NE	4	–	o	*	1	39	34	o	o	od	*
	Sth Farnborough	1016·0	38	NNE	5	om	1012·2	+1	37	+2	NE	3	–	oin	*	2	39	35	om	od.oin	om.r.oin	0·0
	Salisbury Plain	1016·7	36	N	6	o	1012·9	-2	37	+3	N	6	NW	r	*	Trace	37	34		oq	odq	*
	London (Kew Obsy.)	1015·7	43	NNE	4	om	1012·8	+3	38	+1	E	4	–	om	*	4	40	36	om.o	o.om	om.or.om	0·0
NORTHERN EUROPE.	Spitsbergen ...	1003·4	3	S	1	s	984·2	-8	-9	-7	–	0	*	s	*	*	3	-9				
	Vardö ...	1023·9	37	SW	6	o	1016·4	0	30	-7	SW	5	–	b	3	*	39	34				
	Bodö ...	1028·3	34	E	2	b	1021·2	-1	39	+2	ESE	1	–	b	1	–	39	32				
	Christiansund ...	1026·3	45	SE	3	b	1027·5	+1	39	+5	SW	3	–	o	4	–	46	34				
	Skudesnaes ..	1026·6	41	E	2	c	1029·1	+1	39	0	–	0	–	b	1	–	46	27				
	Færder (X'iania Fjord)	1033·3	32	N	4	c	1035·4	+2	30	+3	NE	4	–	bc	1	–	32	27				
	The Scaw (Skagen)	1029·4	36	NE	2	b	1032·0	+1	34	+4	ENE	2	–	c	2	–	37	30				
	Blaavands Huk	1023·2	36	ESE	5	o	1025·5	+1	37	+3	ESE	4	–	o	*	–	45	32				
	Copenhagen ...	1028·7	36	ESE	7	o	1030·2	+1	34	-2	ESE	6	–	o	*	–	37	34				
	Bornholm ...	1029·0	32	ESE	8	m	1029·1	-2	34	+2	ENE	8	–	c	2	–	34	32				
FRANCE, &c.	The Helder ...	1014·2	41	NE	5	b	1019·1	+3	36	0	SE	1	–	c	1	2	41	36				
	C. Gris Nez ...	1012·6	39	NE	5	f	1011·1	+1	36	-1	E	5	*	o	2	–	41	36				
	La Hêve ...	1014·0	37	N	4	o	1006·6	*	37	+7	ENE	4	*	r	2	8	37	30				
	Brest (St. Mathieu)	1018·8	41	N	2	c	1011·6	-3	41	+5	N	4	*	o	2	–	46	36				
	Rochefort (Ile d'Aix)	1015·6	41	NE	4	c	1014·8	-1	41	+11	SSW	4	*	o	*	–	50	30				
	Biarritz ...	1013·8	39	N	2	o	1011·4	0	36	-6	SE	2	*	c	1	–	45	34				
	Paris ...	1010·6	34	NW	2	r	1012·4	+4	34	+5	SSE	3	–	s	*	16	34	29				
	Belfort ...	1016·2	32	WNW	3	o	1021·1	*	27	-3	ENE	2	*	c	*	1	36	27				
	Lyons ...	1015·4	36	–	0	c	1017·9	*	32	0	–	0	*	o	*	–	42	29				
	Nice ...	1017·8	36	–	0	bc	1020·8	0	39	+5	–	0	*	o	4	9	43	30				
	Perpignan ..	1013·9	41	–	0	b	1015·2	+1	36	+9	N	1	–	o	*	–	52	27				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna ...														*							
	Madrid ...																					
	Lisbon ...	1011·8	50	SW	2	r	1007·9	-2	46	+3	NNE	3	–	r	?	10	54	43				
	Azores (Horta) ...	1019·9	*	WSW	5	c	1012·6	-2	57	+3	S	6	*	r	5	–	61	54				
	Madeira ...	1021·8	59	W	2	c	1019·4	0	57	+5	W	2	–	r	2	?	59	52				
	Gibraltar ...	1016·9	51	NW	4	b	1011·5	*	53	+6	W	7	*	o	5	14	57	45				
	Malta ...	*	*	*	*	*	1015·5	-3	55	+1	ESE	5	–	r	5	Trace	61	45				
	Limassol ...	*	*	*	*	*	1022·8	+3	55	0	–	0	–	b	0	–	70	41				
	Alexandria ...	1018·4	61	ENE	3	c	1020·2	+1	57	-2	ENE	3	–	o	2	–	75	55				
	Cairo (Helwan) ...	1016·7	66	NE	4	b	1017·4	+2	61	+7	NE	5	NW	c	*	–	79	54				

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

LONDON 5th. MARCH, 9h. G.M.T.

	Humidity. 15 h. (4th) %	Humidity. 9 h. (5th) %	Sunshine for 4th. Hours.	24 Hours ended 9 h. 5th: Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
GREENWICH (Royal Observatory)	88	85	0·0	40	37	36	3	o	od.o	o od o
CITY (Bunhill Row) ..	*	*	0·0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	89	86	0·0	41	?	37	5	om	om	od m om
CAMDEN SQ. (British Rainfall) ..	86	91	0·0	40	37	33	5	o	o	*
S. KENSINGTON (Museum Grounds)	*	84	0·0	39	37	*	*	o	o	c

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 4th.

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
120	3·0	8·5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,558. Wednesday, 6th MARCH, 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

The highest maxima recorded were on the western coasts, 48° at Oban, and about 45° at several other stations. The minimum was below 32° only in parts of Scotland. Oban recorded eight hours of bright sunshine, Yarmouth and Castlebay seven. A few millimetres of rain fell at stations near the English Channel, and also on the East Coast from Yarmouth northward.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. Tuesday, 5th MARCH

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 5th.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	—	0·1	40	34	od	od	0·0
	Montrose	—	0·2	41	37	o	o	0·0
	St. Andrews							
Eng. N.E.	Harrogate	2	0·3	40	35	o	o	0·0
	Skegness	1	—	42	37	bc	b	4·6
England, E.	Felixstowe	2	—	42	37	bcq.om	bc	2·8
	Southend-on-Sea	1	—	41	37	o	o.c.bc	0·0
England, S.E.	Margate	—	—	44	37	c	bc.b	3·6
	Hastings	2	—	42	36	or.o	o.c	0·0
	Eastbourne	—	—	42	37	oq	og	0·0
	Seaford	*	*	41	36	or.o	o	0·0
	Worthing	—	—	40	37	o	od	0·0
	Littlehampton							
	Bournemouth	Trace	Trace	40	37	o	o	0·0

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 5th.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland W.	Oban	—	—	48	29	o.bc	bc.b	7·7
Eng. N.W.	Morecambe	—	—	45	35	*	*	1·5
	Southport	—	—	45	38	o.c.o	c.o.c	1·1
Midlands.	Malvern							
	Ross-on-Wye	—	0·2	40	38	o	c	0·1
Wales.	Rhyl	—	—	44	35	o	o.c	0·0
	Colwyn Bay	—	—	43	39	c	c.o	0·0
	Llandudno	*	*	44	40	o	o.c	0·2
	Aberystwyth	*	*	47	36	o.c.b	bc.o	3·7
England, S.W.	Weymouth	*	*	40	38	o	o	0·0
	Torquay	—	—	42	39	o	o	0·0
	Paignton	*	*	42	39	o	o	0·0
	Penzance	—	(?)—	44	37	o.c	c.o	0·2
	Newquay	—	—	44	36	c	o.b.o	0·3
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF Tuesday, 5th MARCH.

	STATIONS.	Evening of 4th: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 5th: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	1029·6	27	SW	1	bc	1031·0	+1	27		WSW	4	b	—	*	25
	Hangö	1041·9	25	—	0	b	1042·7	?	27		SSW	2	o	—	*	14
	Yuriev															
	Petrograd	1044·6	21	W	1	b	1044·8	0	16	+2	W	1	b	—	30	14
	Vijni Volotchok	1045·5	23	—	0	b	1047·3	+2	12	-4	—	0	b	—	*	9
	Gorki	1045·5	-4	—	0	b		*							*	
	Moscow	1044·4	25	NW	2	b									*	
	Kiev														*	
	Kharkov	1041·6	25	NE	2	o	1044·3	+2	23		NE	3	o	—	*	18
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1020·6	41	—	0	b	1024·2	*	41	0	SSE	1	c	8	45	39
	Turin	1018·1	39	—	0	r	1024·7	*	37	+1	—	0	r	5	41	34
	Pesaro	1021·4	45	—	0	b	1023·7	*	43	0	—	0	c	—	55	32
	Leghorn	1019·7	46	—	0	bc	1021·1	*	43	+2	NE	1	o	19	52	41
	Rome	1021·8	46	SE	1	b	1021·4	*	39	-6	N	1	o	—	54	37
	Viesti	1021·3	50	S	1	o	1021·9	*	45	-1	WNW	1	c	—	50	45
	Brindisi	1021·4	52	NW	1	c	1019·5	*	46	0	W	6	o	—	57	46
	Cagliari	1016·7	50	SE	4	b	1016·5	*	50	+2	NW	4	r	1	59	45
	Palermo	1020·3	50	—	0	o	1016·6	*	50	+5	—	0	r	5	59	45
	Tripoli	?	50	SSE	6	o	1018·7	*	52	+2	NNW	1	o	?	?	?
	Algiers	1016·4	46	ENE	2	b	1014·7	o	48	+5	WSW	4	c	—	55	43
SWEDEN.	Hernösand	1037·5	28	SW	2	b	1035·8	*	27	+9	S	2	b	*	*	*
	Stockholm	1038·8	32	SE	2	o	1039·9	*	30	+5	S	2	f	*	*	*
	Wisby	1037·6	32	SE	2	f	1038·9	*	30	0	SE	4	b	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1015·8	28	-13	W	8	b
Reykjavik	1022·3	30	-7	W	5	b
Vestmanna	1024·2	36	-5	W	2	c
Seydisfjord	1019·4	32	-13	SW	8	b
Thorshavn	1022·3	39	+3	N	3	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

6th and 7th MARCH, 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·32	12·5	5·38
	6·29	12·4	5·39
Greenwich	6·38	12·12	5·46
	6·35	12·11	5·47
Wick	6·57	12·24	5·50
	6·54	12·23	5·52
Valencia	7·20	12·53	6·26
	7·17	12·52	6·28

‡ The barometric change is expressed in half-millibars.

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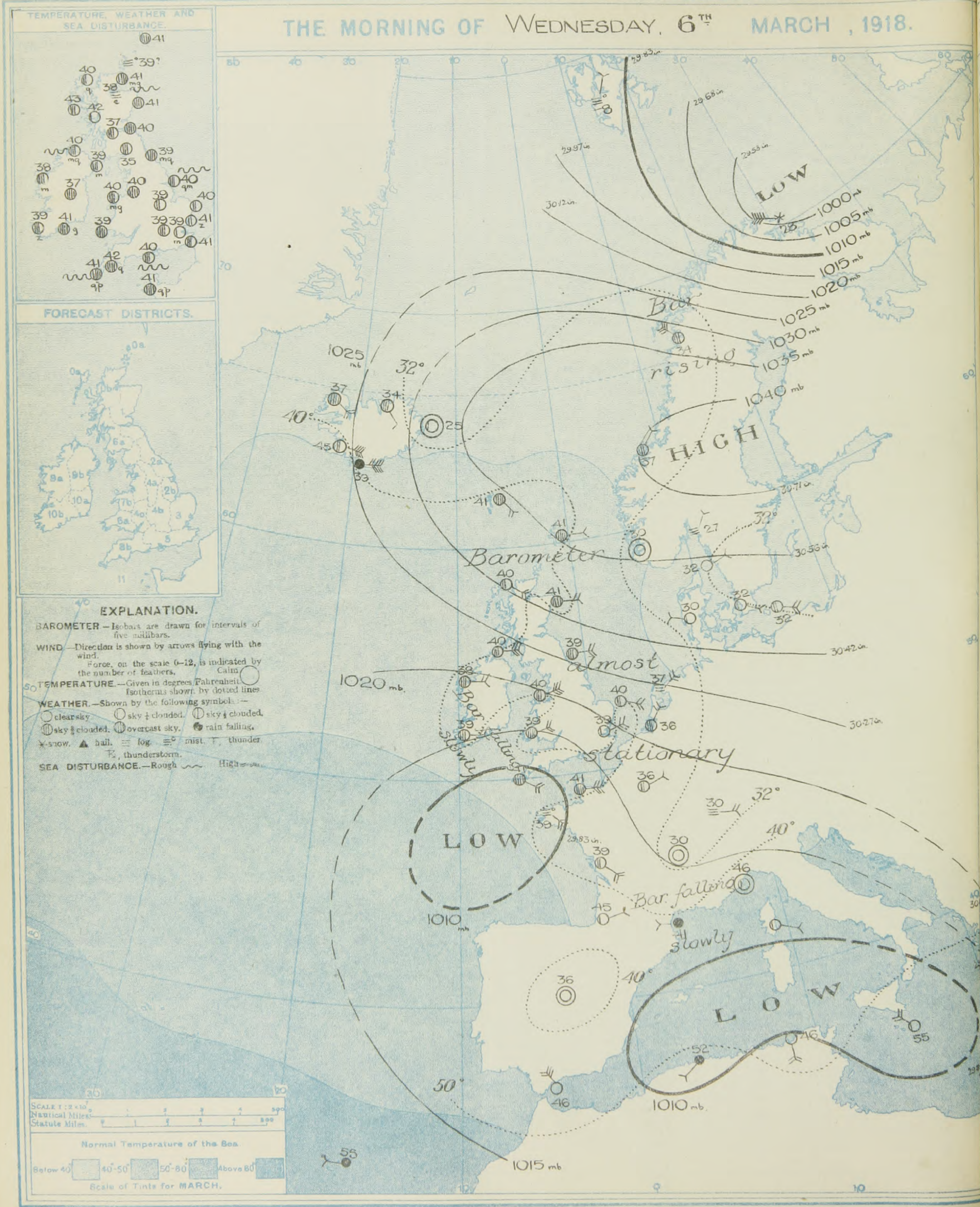
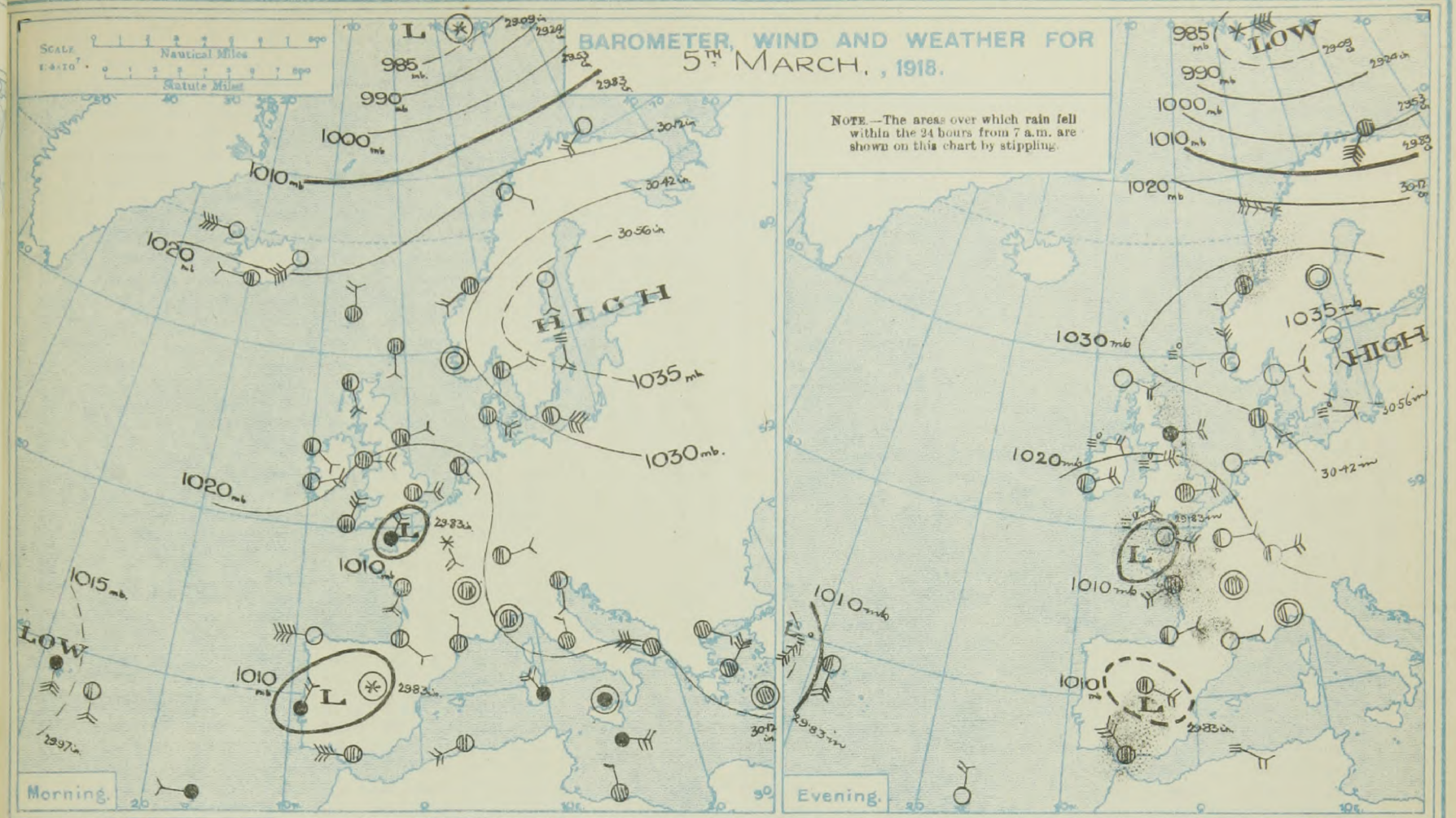
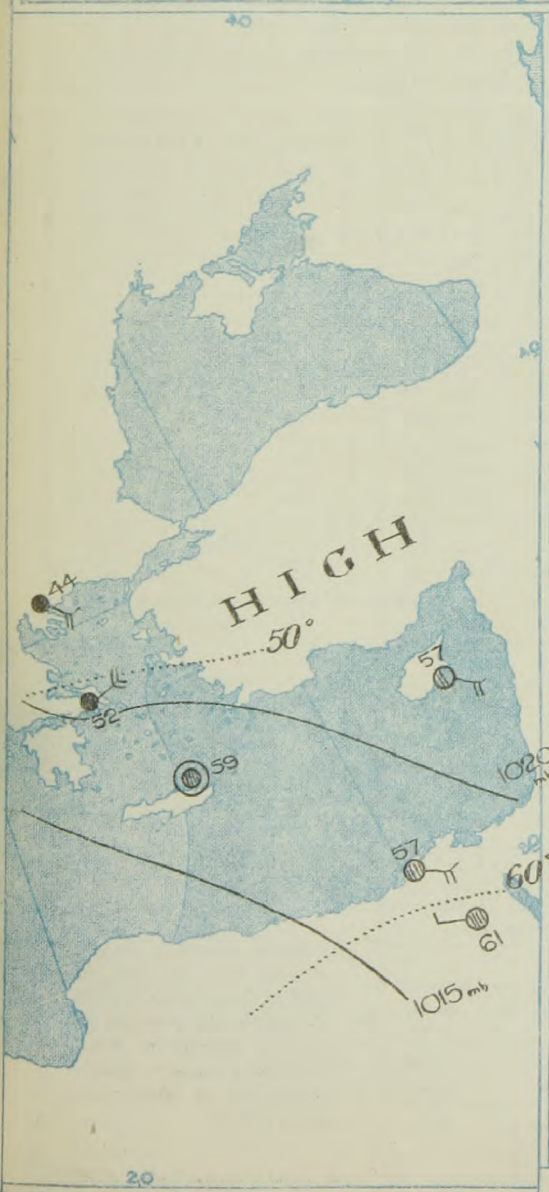
THE MORNING OF WEDNESDAY, 6TH MARCH, 1918.







The Present Situation

The Scandinavian anticyclone has increased in intensity since yesterday morning. It now extends westward across Iceland, and shows no signs of giving way. Across middle Scandinavia the barometer is above 1040 mb.
The depression that was centred near Havre is now off the Mouth of the Channel, a slight fall of the barometer being in progress on our south-west coasts. Easterly winds prevail over the British Isles, Northern France and the North Sea, fresh or strong over Southern England and in the Channel but moderate in Scotland. The weather is fair near the Straits of Dover and fine in Denmark, but elsewhere it is cloudy to dull, with fog near the Dutch coast, and passing showers along the Western Channel. The temperature is about 40° over the British Isles, and 30° to 32° in Denmark and Eastern France.

The General Outlook

The Easterly wind is likely to continue to blow with about its present strength for at least another 24 hours over the British Isles, with cloudy and rather cold weather.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 65. Wednesday, 6th MARCH

	STATIONS.	Evening of 5th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 6th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 A.M. 6th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 5th. Hours.
BRITISH ISLANDS.	Lerwick ...	1031·8	42	ESE	2	oln	1035·8	0	41	0	E	2	–	o	2	0·2	42	39	oln	om	oln	*
	Deerness (Orkney)	1029·8	40	ESE	4	om	1033·8	*	?39	0	ESE	4	–	oz	4	–	41	39	o	om	om·o	0·0
	Stornoway ...	1027·0	40	ESE	3	b	1030·3	+1	40	−1	ESE	4	–	bcq	3	–	45	38	c.b	b	c.bcq	4·9
	Castlebay (Barra Isd.)	1024·7	45	NE	2	bz	1026·8	+1	43	+1	E	3	–	c	3	–	46	41	o.bcm	bcm.bz	bc	6·6
	Glasgow ...	1024·4	38	ENE	4	omd	1028·4	+2	37	+1	E	4	SE	c	*	0·3	39	35	opd.og	omd	opd.c	0·0
	Eskdalemuir ...	1023·3	37	NE	5	ome	1028·1	+2	35	0	NE	5	–	c	*	0·4	38	34	omd.om	omd	omd.o.c	0·0
	Malin Head ...	1022·3	42	E	4	omq	1022·6	0	40	+3	E	6	E	cmq	5	–	44	37	om	omq	cmq	0·1
	Blacksod Point	1021·2	39	E	3	om	1019·6	−2	38	0	E	3	E	cm	3	–	41	37	og	om	om.cm	*
	Valencia (Cahirciveen)	1018·5	39	ENE	4	bc	1015·1	−2	39	+2	E	3	E	oz	3	–	45	37	c.oz	c.bcz	o.oz	3·6
	Roche's Point	1018·1	42	NNE	2	omg	1015·0	*	41	+5	E	4	–	og	4	0·4	43	36	om	omg	o.b.opq	*
	Birr Castle ...	1019·5	42	NNE	1	o	1018·2	*	37	+1	E	1	–	o	*	0·1	42	35	om	o	o	0·0
	Donaghadee ...	1021·6	43	E	4	omg	1022·7	0	39	+1	E	5	E	cm	4	–	?	38	oing	omg	oing	*
	Liverpool (Bidston)	1019·3	42	ENE	4	c	1021·2	0	40	+1	E	5	–	o	3	–	44	37	om	oz	c.o	0·0
	Holyhead ...	1018·2	43	ENE	5	bcmg	1019·8	0	40	+1	ENE	6	SE	cmg	4	–	45	39	o.c.omg	o.c.omg	bv.cm	0·5
	Pembroke (St Ann's)	1015·5	42	ENE	4	c	1014·4	−1	39	0	ENE	4	–	o	3	1	45	38	o.c.bc	bc.c	c.o.or	1·8
	Hartland Quay	1014·1	40	ENE	3	m	1012·7	0	41	0	E	3	–	o	2	2	44	38	ogzq	ogz	om.omd	*
	Scilly (St. Mary's)	1012·7	42	ENE	4	om	1008·9	−1	41	−2	ESE	4	SE	opq	5	1	44	39	bc.c.om	oln	om.cpq	0·0
	Falmouth ...	1011·8	40	NNE	4	ozq	1009·5	0	42	+2	E	5	SE	oq	*	3	44	37	oz	oz.c.oz	oph.rq	0·2
	Jersey (St. Aubin)	1007·4	40	ESE	5	omp	1012·7	*	41	+2	E	6	–	opq	4	6	42	38	omr	omp	opq.o	0·0
	Portland Bill ...	1010·1	38	E	7	cq	1013·1	+3	40	0	E	7	SE	c	5	4	40	37	c.o	opq	cq	*
	Dungeness ...	1016·1	42	ESE	4	cq	1019·0	+1	41	+3	E	3	–	c	4	–	42	37	cq	cq	cq.c	*
	Dover ...	*	*	*	*	*													*	*		
	Wick ...	1029·8	40	SSE	3	ome	1033·3	+1	41	+6	ESE	4	–	omg	5	0·3	41	32	omeg	ome	omge	*
	Nairn ...	1028·4	36	–	0	om	1031·6	*	38	+14	ENE	1	–	me	1	0·2	38	23	cm.o	cm.o	omg	0·0
	Aberdeen ...	1028·7	40	ENE	4	omd	1032·3	+1	41	+2	E	3	–	o	4	2	41	38	od.o	omd	omd.or	0·0
	Leith ...	1025·2	40	E	2	o	1029·3	+1	40	+1	E	3	–	o	3	3	41	39	omd.o	or	or.eg.o	*
	Tynemouth ...	1023·3	40	E	4	omr	1028·8	+3	39	0	E	4	–	omq	4	4	40	37	omr	omr	omq	*
	Spurn Head ...	1021·7	40	ESE	3	bc	1023·9	0	40	0	ESE	5	–	cmq	5	Trace	42	38	o.cm	om.bc	bcpq	3·3
	Yarmouth (Gorleston)	1019·8	41	SE	5	bc	1022·1	0	40	+1	ESE	4	–	bcm	4	1	43	38	bc	bc	cmp.bc	7·0
	Clacton-on-Sea	1019·1	41	E	3	bc	1021·7	+1	41	+2	E	3	–	bcz	3	–	43	38	og.c	c.bc	bc.c.bc	3·1
	Nottingham ...	1019·9	40	E	3	c	1022·7	*	39	0	E	4	E	bc	*	0·1	44	37	od.c	c.o	c.b	2·6
	Benson (Oxon.) ...	1016·4	39	ENE	5	o	1018·4	+1	39	0	ENE	5	–	c	*	0·2	40	37	o	o	o.bc	*
	Sth Farnborough	1016·0	38	E	4	omr	1018·6	+1	37	0	E	4	–	o	*	0·3	39	36	omd	omr	or.om	0·0
	Salisbury Plain	1014·7	36	E	6	r	1017·2	0	37	0	E	5	–	c	*	Trace	39	35	odgq	orq	c	*
	London (Kew Obsy.)	1017·1	41	E	4	o	1019·8	+1	39	+1	ENE	4	–	bm	*	Trace	41	38	om.omdg	om	bcmp.bm	0·0
NORTHERN EUROPE.	Spitsbergen ...	984·6	9	E	8	s	1011·9	+5	−8	+1	NNE	2	*	m	*	*	14	−11				
	Vardö ...	999·6	28	SW	8	o	998·6	+1	28	−2	NW	10	–	s	8	*	30	28				
	Bodö ...	1023·4	34	W	9	s	1023·8	+8	34	−5	NW	6	–	c	3	?	41	28				
	Christiansund ...	1035·4	45	SW	2	r	1040·2	+1	37	−2	NE	2	–	c	5	2	43	34				
	Skudesnaes ..	1033·8	37	N	3	b	1035·5	0	30	−9	–	0	–	b	1	–	43	30				
	Færder (X'tania Fjord)	1036·7	32	NE	4	b	1037·5	0	27	−3	NNE	2	–	f	1	–	32	25				
	The Scaw (Skagen)	1032·7	36	E	2	b	1034·3	0	32	−2	ENE	2	–	b	2	–	39	30				
	Blaavands Huk	1030·0	37	SE	2	o	1032·8	+2	30	−7	WNW	2	–	b	*	–	39	27				
	Copenhagen ...	1032·2	36	E	3	c	1033·5	0	32	−2	ESE	2	–	b	*	–	37	32				
	Bornholm ...	1031·9	34	ESE	3	m	1033·4	+1	32	−2	ESE	4	SE	bc	1	–	36	30				
FRANCE, &c.	The Helder ...	1023·5	41	E	2	b	1024·6	0	37	+1	ENE	4	–	f	2	–	45	36				
	C. Gris Nez ...	1017·6	37	ESE	3	b	1019·8	+2	36	0	SE	3	*	b	2	–	45	36				
	La Hêve ...	1013·0	36	SE	5	o	1016·6	*	36	−1	E	5	*	bc	0	1	39	32				
	Brest (St. Mathieu)	1011·0	45	NE	1	o	1009·4	0	39	−2	SE	4	*	m	4	4	45	37				
	Rochefort (Ile d'Aix)	1011·9	43	WSW	4	o	1012·0	+3	39	−2	SE	4	*	bc	*	3	45	37				
	Biarritz ...	1012·2	46	ENE	2	c	1012·0	0	45	+9	ENE	2	*	b	2	–	52	36				
	Paris ...	1016·6	39	E	2	o	1018·3	+1	36	+2	ENE	2	–	bc	*	1	41	34				
	Belfort ...	1020·0	37	E	4	bc	1018·4	*	30	+3	E	3	*	f	*	–	45	27				
	Lyons ...	1018·0	41	–	0	o	1016·8	*	30	−2	–	0	*	b	*	–	48	39				
	Nice ...	1017·8	45	–	0	bc	1012·8	−2	46	+7	–	0	*	b	3	–	48	36				
	Perpignan ..	1014·4	45	E	2	o	1011·6	−1	41	+5	W	2	–	r	*	1	55	36				
	Sanguinaire ...	1013·9	50	NW	2	c	1011·8	*	?	–	ESE	2	*	b	2	–	59	36				
SOUTHERN STATIONS.	Corunna ...																					
	Madrid ...	1007·0	43	ESE	4	c	1014·2	+4	36	+4	–	0	–	b	*	3	48	36				
	Lisbon ...																					
	Azores (Horta) ...	1004·2	*	SSW	9	m							*									
	Madeira ...	1018·7	61	N	3	b	1019·1	−1	55	−2	W	2	–	r	2	?	64	54				
	Gibraltar ...	1007·8	53	NW	6	o	1013·5	*	46	−7	NW	5	*	b	3	11	58	45				
	Malta ...	*	*	*	*	*	1007·8	+5	55	0	NW	4	–	b	2	11	57	54				
	Limassol ...	*	*	*	*	*	1022·3	0	57	+2	SE	3	E	bc	2	–	66	52				
	Alexandria ...	1019·5	59	E	4	o	1018·0	0	57	0	ESE	3	–	o	3	–	70	57				
	Cairo (Helwan) ...	1016·8	66	ENE	5	b	1017·5	+1	61	0	NW	1	–	o	*	–	79	52				

LONDON 6th MARCH, 9h. G.M.T.	Humidity. 15 h. 5th	Humidity. 9 h. 6th	Sunshine for 5th	24 Hours ended 9 h. 6th: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	84	83	0·0	43	37	31	–	o	o	opo.b
CITY (Bunhill Row) ..	*	*	0·0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	82	78	0·0	44	39	33	–	om	om	odm.b
CAMDEN SQ. (British Rainfall) ..	86	84	0·0	43	36	28	Trace	o	o	*
S. KENSINGTON (Museum Grounds)	*	80	0·0	45	39	*	*	0.oq o	0.oq	oop.b

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during ... 5th ...

Total.	Average Rate.	Max. Rate.
Joules. 30	Milliwatts. 0·6	Milliwatts. 3·5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,559. Thursday, 7th. MARCH, 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

The temperature rose to 54° in the south of England and to 48° in the Hebrides, no maximum being less than 40°. Except in Scotland, sunshine records were generally good, up to 8 or 9 hours in the south of England and North Wales. At Roche's Point the rainfall amounted to 25 mm., and to 9 mm. at Falmouth, but most stations had none.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. Wednesday, 6th. MARCH.

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 6th.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	0·2	–	40	39	o	o	0·0
	Montrose	?0·4	–	42	38	o	o	0·0
	St. Andrews	*	*	41	39	o	o	0·0
Eng. N.E.	Harrogate	–	–	40	33	o	o	0·0
	Skegness	1	–	43	38	bc	o	1·0
England, E.	Felixstowe	0·2	–	43	38	bc	bc.om	4·7
	Southend-on-Sea	–	–	49	37	b2.b	b.bc.c.o	7·0
England, S.E.	Margate	–	–	46	40	b	b.bc.o	6·1
	Hastings	–	–	51	40	bc.b	b	8·4
	Eastbourne	0·3	–	48	41	b	b	8·0
	Seaford	*	*	54	39	bc	bc.b	8·2
	Worthing	–	–	54	39	b	b	7·3
	Littlehampton	0·3	–	50	39	–	–	7·5
	Bournemouth	5	–	52	38	o	b	7·0
Sc'tld W.	Oban	–	–	52	41		o	4·8
Eng. N.W.	Morecambe	–	–	49	34	* c.o.bc	* bc.b.o	5·3
	Southport							
Midlands.	Malvern	–	–	52	34	o.c.bc	bc.b	8·0
	Ross-on-Wye	–	–	52	35	c.bc	bc.b	7·4
Wales.	Rhyl	–	–	51	37	c	bc.c	8·0
	Colwyn Bay	0·4	0·4	50	37	c	bc	5·8
	Llandudno	*	*	50	38	c	b	6·7
	Aberystwyth	*	*	53	38	om.b	b.bc	8·5
England, S.W.	Weymouth	*	*					
	Torquay	1	1	47	39	o/p	o.c.bc	3·3
	Paignton	*	*					
	Penzance	4	3	47	38	o.bc	or	3·5
	Newquay	3	3	45	36	r.o.bq	b.orq	1·7
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF Wednesday, 6th. MARCH.

	STATIONS.	Evening of 5th. Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 6th. Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö														*	
	Yuriev															
	Petrograd	1041·2	32	WSW	3	b	1035·4	-4	23	+7	WSW	2	b	–	37	16
	Vijni Volotchok															
	Gorki							*							*	
	Moscow	1044·3	30	WNW	2	b	1041·8	+3	21	–	WNW	1	b	–	*	19
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice	1019·0	50	NE	1	o	1016·9	*	45	+4	NE	2	r	9	54	39
	Turin	1022·2	37	–	o	b	1017·0	*	37	o	–	o	bc	7	41	34
	Pesaro	1018·6	46	–	o	r	1013·9	*	46	+3	–	o	r	5	52	43
	Leghorn	1017·1	45	E	1	b	1012·3	*	48	+5	–	o	bc	–	54	43
	Rome	1014·7	48	–	o	o	1009·9	*	46	+7	–	o	c	–	52	39
	Viesti	1015·9	48	WNW	1	r	1011·4	*	50	+5	SE	4	r	24	?	?
	Brindisi	1015·7	52	ENE	3	r	1010·3	*	52	+6	E	5	r	12	54	46
	Cagliari	1013·4	50	NE	4	r	1011·1	*	52	+2	NW	4	b	2	57	45
	Palermo	1012·2	48	–	o	r	1009·8	*	50	o	–	o	o	25	50	46
	Tripoli	1014·6	50	SE	2	r	1017·4	*	48	-4	W	1	b	1	64	46
	Algiers	1009·5	54	ESE	3	m	1007·6	+2	52	+4	SW	2	r	1	61	48
Sweden.	Hernösand	1031·9	36	–	o	b	1033·9	*	36	+9	–	o	b	*	*	*
	Stockholm	1039·1	32	S	2	b	1035·9	*	27	-3	SW	2	b	*	*	*
	Wisby	1038·4	34	S	2	b	1036·6	*	30	o	SSE	2	b	*	*	*

Morning of 6th.

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.
		°F	°F			
Isafjord	1023·6	37	+9	SE	4	o
Reykjavik	1022·3	45	+15	ESE	8	bc
Vestmanna	1025·6	39	+3	E	9	r
Seydisfjord	1034·3	25	-7	–	o	b
Thorshavn	1034·8	41	+2	SE	3	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

7th and 8th. MARCH 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·29	12·4	5·39
	6·26	12·4	5·41
Greenwich	6·35	12·11	5·47
	6·33	12·11	5·49
Wick	6·54	12·23	5·52
	6·51	12·23	5·54
Valencia	7·17	12·52	6·28
	7·15	12·52	6·30

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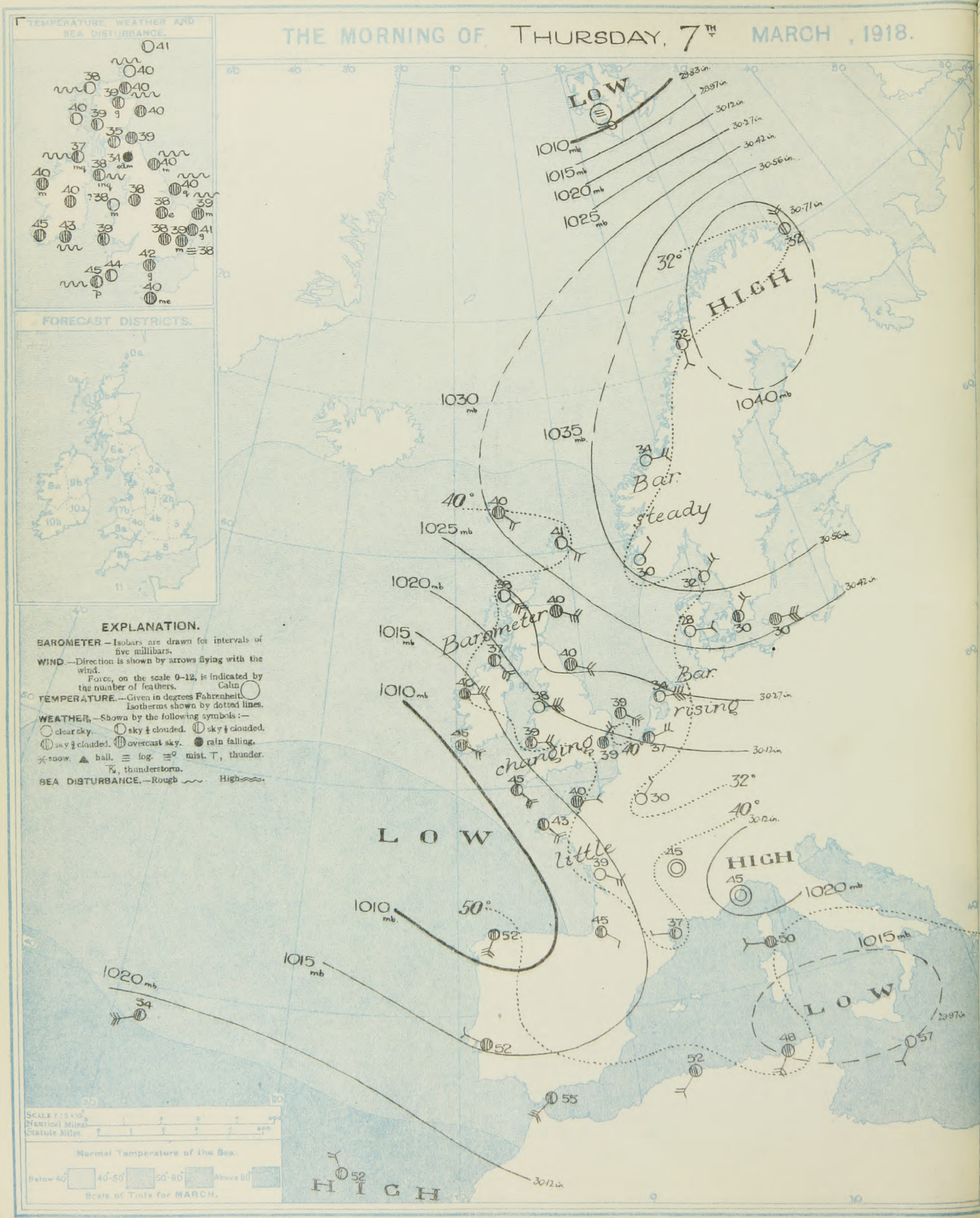
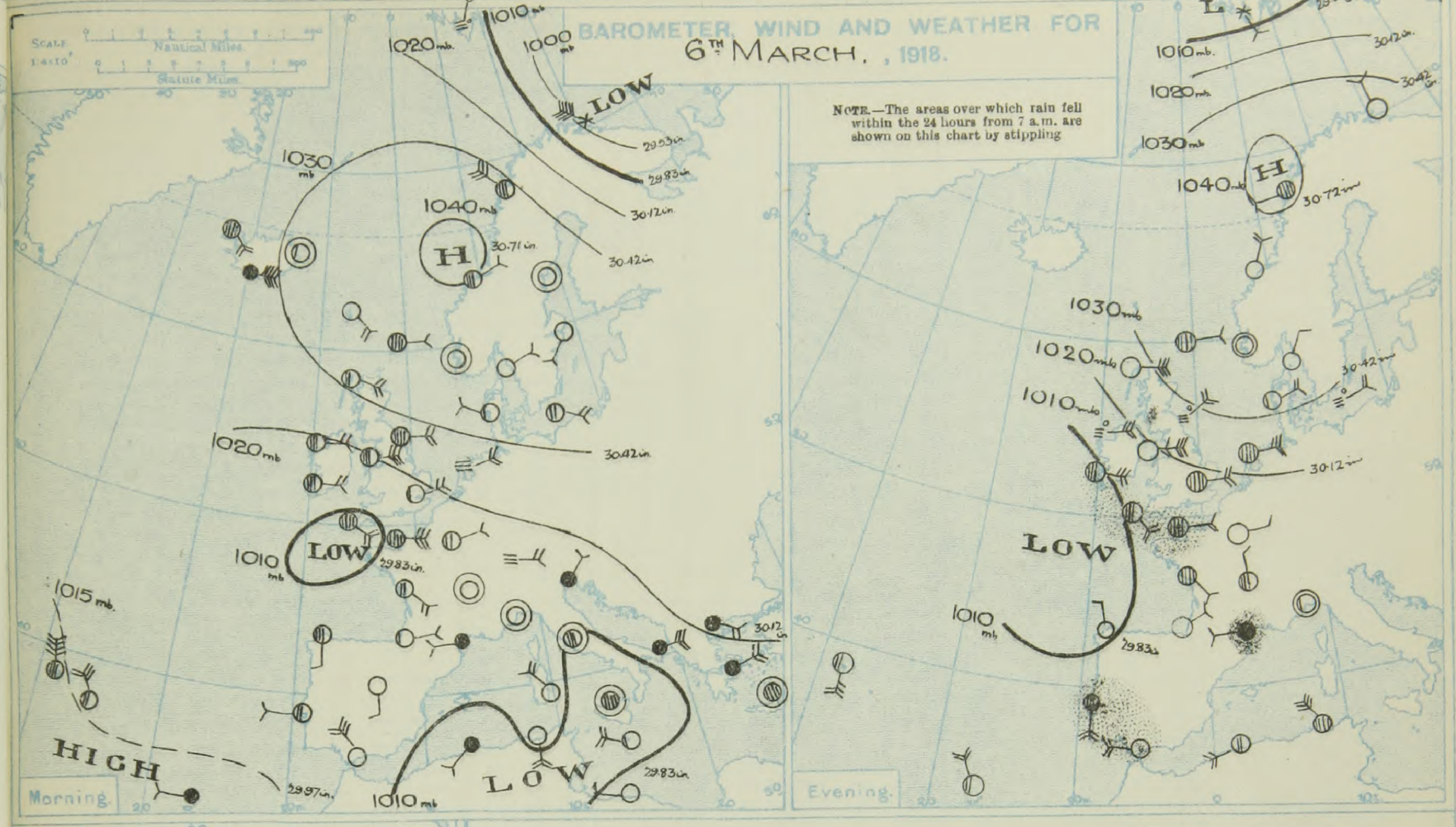
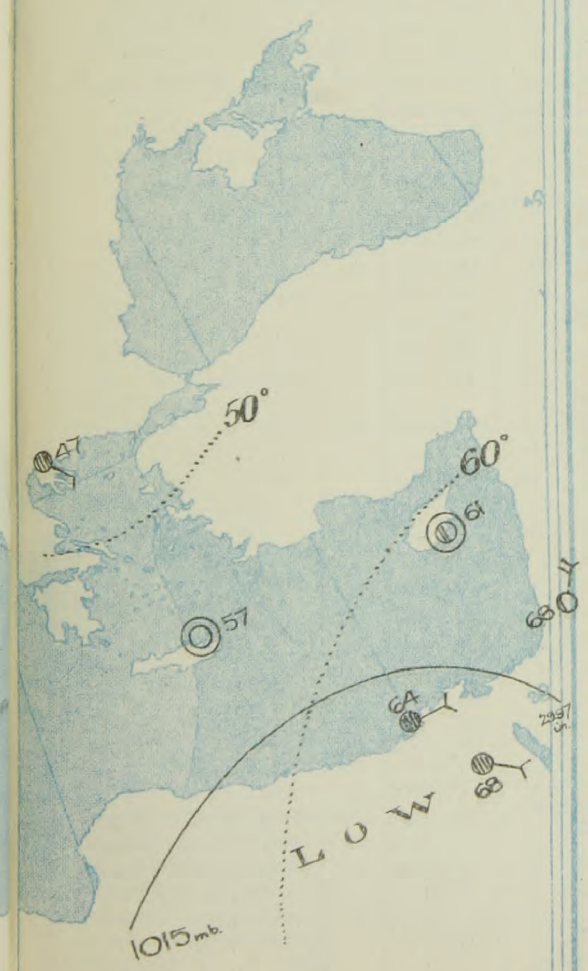
‡ The barometric change is expressed in half-millibars.

THE MORNING OF THURSDAY, 7TH MARCH, 1918.







The Present Situation

The region of highest pressure has moved somewhat further north, the barometer being above 1040 mb. at Vardö. There is still a depression off our south-west coasts. Easterly winds prevail over the British Isles, France and the North Sea. The velocity is light over the north-east portion of the North Sea and in France, but over our Islands it is moderate to fresh. Over Scandinavia, Denmark and Holland the weather is fair to fine, but over the British Isles there is more cloud, and there is some fog near the Straits of Dover. Over the United Kingdom the temperature varies from 40° to 45°.

The General Outlook

Pressure is likely to remain high over Scandinavia, and the Easterly wind will continue to blow over the United Kingdom, probably for several days, the weather being fair to dull and rather cold.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 66. {Thursday, 7th MARCH.

	STATIONS.	Evening of 6th: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 7th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 A.M. 7th: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 6th.
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1035·0	42	E	2	o	1033·2	0	40	-1	SE	3	-	b	2	-	44	37	o.c	o	om.c.bc	*
	Deerness (Orkney)	1033·2	40	ESE	4	o	1029·4	*	40	+1	ESE	5	-	b	5	-	42	39	om.o	o	o.c.bc.b	0·0
	Stornoway ...	1029·1	40	E	6	bcq	1024·0	0	38	-2	SE	6	-	b	5	-	46	36	bc.b	b.bcq	bc.bq	7·6
	Castlebay (Barra Isd.)	1024·8	45	NE	4	o	1022·2	0	40	-3	E	4	E	b	4	-	48	40	c.bq	bq.o	o.b	7·6
	Glasgow ...	1027·0	39	ENE	4	oq	1024·7	0	35	-2	E	3	SE	c	*	0·1	42	34	c.bc.em	c.o	op.c.bc	1·0
	Eskdalemuir ...	1026·7	37	NNE	5	ome	1025·7	-1	34	-1	N	3	-	odm	*	0·2	42	33	c.o.bcq	oq.ome	cq.omd	3·3
	Malin Head ...	1017·5	43	E	8	bcq	1019·3	0	37	-3	SE	5	SE	cmq	5	-	45	36	bcq	bcq	cmq	7·6
	Blacksod Point	1012·9	44	E	5	cm	1013·1	+1	40	+2	E	5	-	om	4	-	46	36	cmq	cm	om	*
	Valencia (Cahirciveen)	1008·7	43	ESE	5	c	1011·1	+2	45	+6	ESE	4	SE	o	3	7	45	39	c.opz	c.op	c.op.h.c	0·5
	Roche's Point	1012·5	45	ESE	5	oq	1013·0	*	43	+2	ESE	5	-	o	5	25	45	39	ogr	ogp	op.or.o	*
	Birr Castle ...	1015·1	46	E	2	r	1016·0	*	40	+3	E	2	-	o	*	1	47	36	op.c.or	op.or	or.c.o	1·4
	Donaghadee ...	1021·8	42	E	6	bcm	1019·9	0	38	-1	E	5	E	cmq	5	-	?	37	bm.bcz	bcm	cmq.om	*
	Liverpool (Bidston)	1021·5	41	E	5	o	1020·8	0	38	-2	E	3	E	o	3	-	47	36	bcm	bm	o	7·1
	Holyhead ...	1018·5	44	E	8	bmq	1018·4	+1	?38	-2	E	6	-	bm	4	-	49	37	c.bc.bm	b.bc.bm	bm	5·7
	Pembroke (St. Ann's)	1014·4	46	ESE	5	cq	1016·7	+1	39	0	E	4	E	c	4	-	48	39	oq	oq.cq	cq.bc	1·9
	Hartland Quay	1015·2	45	SE	4	c	1016·8	0	39	-2	E	3	SE	o	2	0·4	49	39	omd.o	c.bc.c	b.o	*
	Scilly (St. Mary's)	1011·0	45	SE	4	c	1012·5	0	45	+4	SE	5	SE	cp	6	3	47	40	cmpq	c.bc.c	cp	2·7
	Falmouth ...	1012·5	45	SSE	6	orq	1014·1	+1	44	+2	ESE	4	-	bc	*	9	46	39	rq.c.o	opq.or	rq.bcp	0·8
	Jersey (St. Aubin)	1014·9	48	E	3	o	1016·1	*	40	-1	E	2	-	ome	2	0·4	50	38	opq.o.b	b.o	c.omw	5·3
	Portland Bill ...	1015·7	45	E	3	c	1016·4	0	42	+2	E	4	-	oq	4	-	46	38	bc	bc.c	c.o	*
	Dungeness ...	1017·4	42	ENE	5	o	1017·4	0	38	-3	NE	4	-	f	4	-	46	36	b	bc.o	c.o.bof	*
	Dover	*	*	*	*	*													*	*		
	Wick	1032·7	40	ESE	4	omg	1028·8	-2	40	-1	SE	5	SE	c	5	-	42	39	omg	omg	bcmg	*
	Nairn	1030·5	38	E	1	om	1025·8	*	39	+1	E	2	-	cq	2	-	41	34	om	omu	omg	0·0
	Aberdeen ...	1031·3	40	ENE	4	odq	1029·2	+1	40	-1	ESE	5	-	o	4	-	41	37	om.o	od	oq	0·0
	Leith	1027·6	40	E	3	o	1025·4	0	39	-1	E	2	-	o	3	Trace	42	38	omg.o	oge.o	oge.o	*
	Tynemouth ...	1026·4	40	ENE	4	om	1025·5	0	40	+1	ESE	4	-	om	5	-	40	37	om	om	om	*
	Spurn Head ...	1023·5	39	E	5	omq	1022·6	0	40	0	ESE	5	-	oq	5	Trace	40	38	omq	omq	oq	0·0
	Yarmouth (Gorleston)	1020·2	39	E	5	o	1020·8	0	39	-1	ESE	6	-	cm	6	-	43	38	bcm.om	om	om	2·0
	Clacton-on-Sea	1019·7	40	NE	4	oz	1019·9	0	41	0	ENE	3	-	og	3	-	46	39	bcz	bc.c.oz	ogz	6·1
	Nottingham ...	1022·3	39	E	5	o	1021·6	*	38	-1	E	3	E	ce	*	0·1	49	37	c.o	c.o	o	3·3
	Benson (Oxon.) ...	1018·1	45	ENE	4	b	1018·7	+1	38	-1	NE	2	-	o	*	-	53	38	b	b	om	*
	Sth Farnborough	1018·4	42	ENE	4	bcm	1018·9	0	39	+2	E	3	-	odm	*	-	54	36	o.byz	by.bcm	bc.odm	8·5
	Salisbury Plain	1017·9	41	ENE	4	b	1018·9	0	35	-2	ENE	3	-	c	*	-	54	34	c.bq	b	o.c	*
	London (Kew Obsy.)	1019·3	43	E	4	om	1019·3	+1	39	0	NE	3	-	o	*	-	48	39	bm.bz	bz.bm.om	om.o.om	6·8
NORTHERN EUROPE.	Spitsbergen ...	1001·9	-9	SSE	2	3	1006·3	0	-9	-1	—	0	*	5	*	*	-4	-15				
	Vardö	1035·6	34	N	2	b	1040·3	+1	32	+4	N	4	-	bc	1	*	34	27				
	Bodö	1040·7	34	W	2	o	1039·5	-1	32	-2	S	2	-	b	2	-	34	28				
	Christiansund ...	1038·7	34	NE	3	b	1037·5	0	34	-3	E	3	-	b	4	-	41	32				
	Skudesnaes ..	1034·6	36	-	0	b	1036·0	0	30	0	NE	1	-	b	1	-	45	28				
	Færder (X'iania Fjord)	1018·3	25	NW	9	o	?1037·2	-5	34	+7	NW	7	-	o	4	?	34	25				
	The Scaw (Skagen)	1033·4	32	NE	1	b	1036·7	+2	32	0	NE	3	-	b	3	-	34	28				
	Blaavands Huk	1030·7	36	E	3	b	1032·4	0	28	-2	E	2	-	b	*	-	41	25				
	Copenhagen ...	1033·0	36	E	2	b	1033·2	+1	30	-2	NE	3	-	c	*	-	37	28				
	Bornholm ...	1031·8	32	E	3	m	1030·7	-1	30	-2	E	6	-	o	1	-	36	27				
FRANCE, &c.	The Helder ...	1022·4	46	E	5	o	1024·3	+2	34	-3	E	6	-	b	3	-	46	34				
	C. Gris Nez ...	1017·4	39	E	5	o	1020·0	+1	36	0	ENE	2	*	m	2	-	48	36				
	La Hève	1016·3	47	NE	2	bc	1017·4	*	38	+2	NE	4	*	m	2	5	55	36				
	Brest (St. Mathieu)	1011·9	46	SE	5	r	1013·0	+1	43	+4	SE	4	*	c	3	5	46	39				
	Rochefort (Ile d'Aix)	1013·6	45	ESE	2	o	1014·4	+3	39	0	ESE	3	*	b	*	-	46	39				
	Biarritz	1011·9	48	NE	2	b	1012·0	0	45	0	SE	1	*	bc	2	-	55	39				
	Paris	1015·6	45	SE	1	b	1017·2	+1	30	-6	NE	1	-	b	*	-	54	30				
	Belfort							*					*		*							
	Lyons	1014·3	45	NNW	1	c	1016·7	*	45	+15	-	0	*	b	*	-	52	28				
	Nice	1013·1	46	-	0	b	1022·7	0	45	-1	-	0	*	b	2	-	57	41				
	Perpignan ..	1013·2	41	W	2	r	1015·4	+2	37	-4	W	1	S	bc	*	30	43	30				
	Sanguinaire ...	1011·1	54	NW	2	bc	1012·2	*	59	-	WNW	2	*	o	3	-	61	45				
SOUTHERN STATIONS.	Corunna	1010·4	52	NNW	1	b	1007·0	-3	52	+7	SSW	5	SW	c	4	?	54	45				
	Madrid														*							
	Lisbon	1012·8	54	S	4	o	1014·3	+2	52	+6	WNW	2	-	o	6	3	57	46				
	Azores (Horta) ...		*				1020·6	0	57	+9	WSW	7	*	c	5	-	59	48				
	Madeira	1017·6	61	NW	4	bc	1024·6	+2	52	-3	NW	3	N	bc	3	+	64	50				
	Gibraltar	1018·3	54	W	4	b	1017·3	*	55	+9	SW	5	*	c	4	1	59	44				
	Malta	*	*	*	*	*	1015·0	+1	57	+2	SW	2	-	b	1	-	59	54				
	Limassol	*	*	*	*	*	1017·5	0	61	+4	-	0	-	bc	5	-	64	48				
	Alexandria ...	1017·6	63	ENE	2	o	1013·6	0	64	+7	E	2	W	o	1	-	73	55				
	Cairo (Helwan) ...	1015·1	72	NE	3	o	1013·2	+2	68	+7	SE	2	-	o	*	-	79	61				

GALES.

Duration and Extreme Force in British Isles.

MALIN HEAD

Gale: E 8, 15h (6th) – 3h (7th)

HOLYHEAD

Extreme, E 8 at 18h (6th).

LONDON 7th MARCH, 9h. G.M.T.	Humidity. 15 h. 6th	Humidity. 9 h. 7th	Sunshine for 6th	24 Hours ended 9 h. 7th: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	66	91	8·4	51	38	38	-	b	b.c	o.odo
CITY (Bunhill Row)	*	*	6·7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	61	89	8·0	52	40	39	-	b	b	b.om
CAMDEN SQ. (British Rainfall) ..	66	92	7·2	53	39	36	-	b	b	*
S. KENSINGTON (Museum Grounds)	*	87	7·2	46	39	*	*	b	b.c	o

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 6th.

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
780	19·5	37

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,560. Friday :. 8th. MARCH, ...1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

The temperature rose to 50° in the south-west and south of England yesterday, but at many stations it did not much exceed 40°. Minimum readings were above 32°. Sunshine was very variable, up to 9½ hours at Aberystwyth, while at most inland stations there was none. There was no rain, except a little at Valencia and in Cornwall.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. Thursday, 7th. MARCH.

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 7th.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	–	–	43	36	c.bc	bc.b	4.1
	Montrose	–	–	43	38	o	bc	2.7
	St. Andrews							
Eng. N.E.	Harrogate	1	–	39	34	o	o	0.0
	Skegness	–	–	41	38	o	b	2.4
England, E.	Felixstowe	–	–	43	38	om.bc	bc	4.2
	Southend-on-Sea	–	–	44	38	o	o	0.0
England, S.E.	Margate	–	–	45	39	c.bc	c	2.0
	Hastings	–	–	50	37	o.bc	bc	3.3
	Eastbourne	–	–	49	39	o.bc.b	b.bc.o	5.3
	Seaford	*	*	53	39	o.bc	b.bc	6.0
	Worthing	–	–	51	39	bc.b	b	4.8
	Littlehampton							
	Bournemouth	–	–	51	38	o.b	b.o	4.6

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 7th.
		Mm.	Mm.	°F.	°F.			Hr.
Sc'tl'd W.	Oban	–	–	48	38	o	c	0.5
Eng. N.W.	Morecambe					*	*	
	Southport	–	–	43	34	o.c.o	o	0.2
Midlands.	Malvern	0.3	–	41	36	m	m	0.0
	Ross-on-Wye	–	–	43	37	o	c	0.0
Wales.	Rhyl	–	–	42	36	c.o	og	0.0
	Colwyn Bay	–	–	44	37	c	c.o	2.5
	Llandudno	*	*	46	37	c	c	0.4
	Aberystwyth	*	*	49	39	c.b	bc.c	9.5
England, S.W.	Weymouth	*	*	47	39	oz.c	bz	3.4
	Torquay	–	–	44	41	o	o.c.o	0.5
	Paignton	*	*	44	41	ob.o	bc	0.1
	Penzance	1	–	49	41	c.bc	c	?5.0
	Newquay	1	–	47	38	bq	b	5.1
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF Thursday, 7th. MARCH.

	STATIONS.	Evening of 6th. Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 7th. Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	1014.3	28	W	6	b									*	
	Hangö	1024.0	28	–	0	b	1037.2	+2	18		NNE	2	o	–	*	16
	Yuriev															
	Petrograd	1030.3	23	W	1	b	1033.3	+2	7	-16	WNW	1	b	–	36	7
	Vijni Volotchok	1031.0	27	SW	2	b	1029.2	0	19		–	0	b	–	*	18
	Gorki							*							*	
	Moscow	1031.4	28	WSW	3	b	1028.4	?	23	+2	WNW	2	o	–	*	21
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1016.9	43	ENE	2	r	1015.0	*	43	-2	NNE	1	b	9	46	43
	Turin	1017.3	43	–	0	o	1015.7	*	41	+4	–	0	o	–	45	37
	Pesaro	1014.6	41	NE	3	r	1014.7	*	45	-1	N	1	r	33	50	43
	Leghorn	1012.2	52	E	3	o	1012.5	*	48	0	E	1	o	–	54	46
	Rome	1011.5	52	W	1	c	1012.6	*	50	+4	–	0	b	–	59	46
	Viesti	1009.7	52	NNE	4	r	1012.3	*	50	0	NW	1	r	34	52	48
	Brindisi	1011.0	52	SE	4	r	1011.9	*	52	0	SE	1	c	10	55	50
	Cagliari	1011.3	57	ENE	4	c	1012.1	*	52	0	SE	3	c	1	59	36
	Palermo	1012.6	52	–	0	b	1013.7	*	48	-2	–	0	b	–	61	39
	Tripoli						1018.7	*	50	+2	S	1	b	–	?57	45
	Algiers	1013.1	52	WSW	4	bc	1017.5	+3	52	0	SW	3	c	1	57	48
SWEDEN.	Hernösand						1042.2	*	14	-22	–	0	c	*	*	*
	Stockholm						1039.2	*	25	-2	NE	2	b	*	*	*
	Wisby						1035.0	*	32	+2	NE	2	b	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1024.6	39	+2	–	0	c
Reykjavik	1021.9	39	-6	SE	3	b
Vestmanna	1022.7	41	+2	SE	7	bc
Seydisfjord	1030.7	37	+12	–	0	c
Thorshavn	1030.4	40	-1	SE	3	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

8th and 9th MARCH, 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.26	12.4	5.41
	6.24	12.4	5.43
Greenwich	6.33	12.11	5.49
	6.31	12.11	5.51
Wick	6.51	12.23	5.54
	6.49	12.23	5.56
Valencia	7.15	12.52	6.36
	7.13	12.52	6.32

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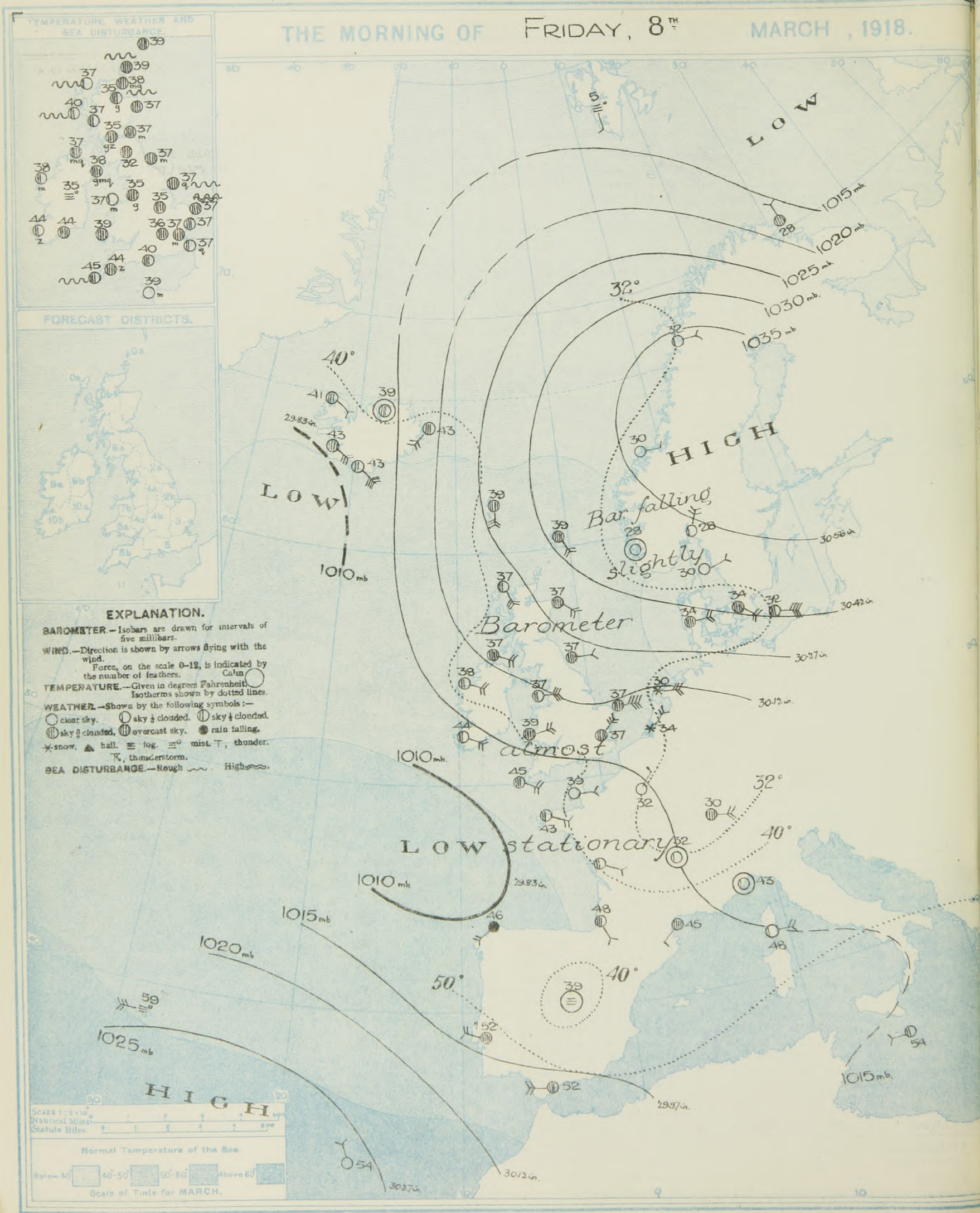
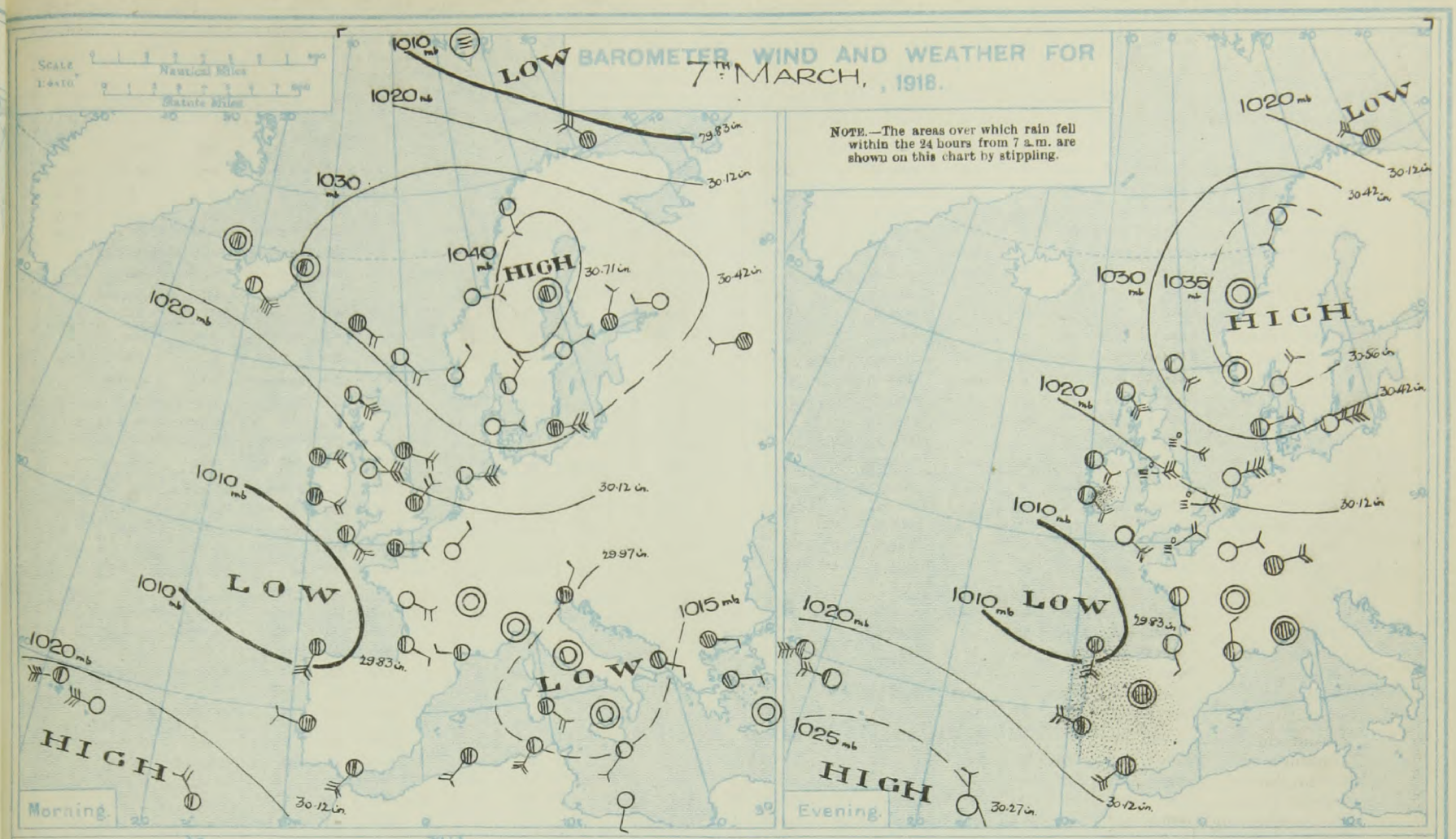
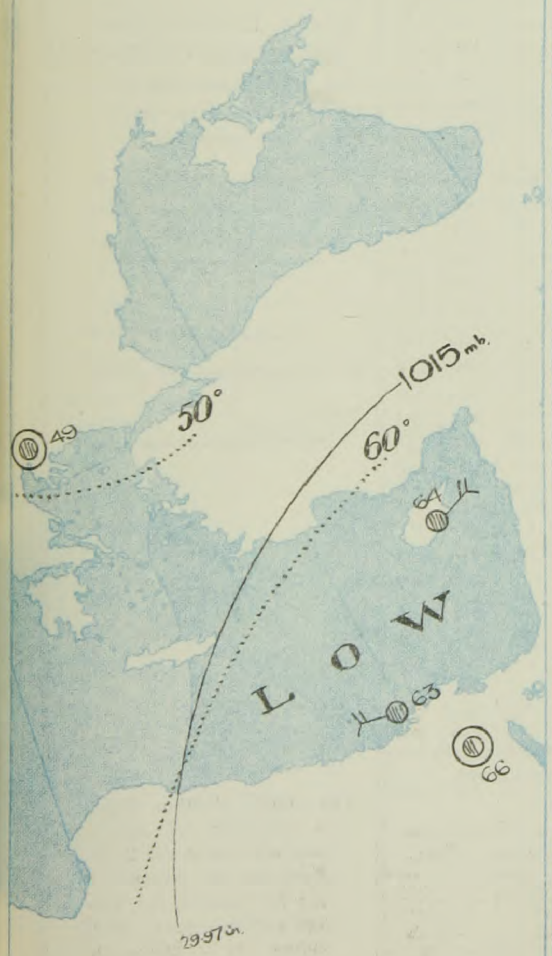
‡ The barometric change is expressed in half-millibars.

THE MORNING OF FRIDAY, 8TH MARCH, 1918.







The Present Situation

An anticyclone still covers Scandinavia, but the barometer is a little lower over Norway and Denmark than it was yesterday. The recent depression in the south is indicated to the westward of the Bay of Biscay. A depression is approaching the west of Iceland, where the barometer has fallen to 1010 mb.

Over the British Isles and the North Sea the wind continues Easterly in direction. The force is moderate to fresh generally, but light in the north of France.

The weather is fair on our western coasts, dull over the rest of the country, but in the north of France and in Norway the weather is fine. Snow is falling in Holland. Temperatures are a trifle lower than yesterday morning, except in south-west England.

The General Outlook

There are still no signs of a change in the general character of the weather. Moderate or fresh Easterly winds and cold, cloudy weather will continue for the present over the United Kingdom.

W.H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 67. Friday, 8th MARCH.

	STATIONS.	Evening of 7th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 8th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 a.m. 8th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 7th. Hours.
BRITISH ISLANDS.	Lerwick ...	1038·4	41	SE	4	bc	1031·2	−1	39	−1	SSE	4	–	o	4	–	44	37	bc	bc	bcm.o	*
	Deerness (Orkney)	1029·8	40	SE	5	bc	1027·4	*	39	−1	SE	5	–	o	5	–	43	37	b.bc	bc	bc.c.o	7·1
	Stornoway ...	1024·3	43	SE	6	b	1023·2	0	37	−1	SE	5	–	b	5	–	48	35	b	b	b	8·3
	Castlebay (Barra Isd.)	1022·3	44	E	4	o	1021·3	0	40	0	SE	5	E	bc	5	–	45	40	b.o	o	o.bc	3·8
	Glasgow ...	1025·2	38	E	3	cm	1024·7	0	35	0	E	2	–	ogz	*	–	40	33	c.omg	o.cm	c.b.ogz	0·0
	Eskdalemuir ...	1024·3	37	E	7	bcm	1024·5	0	32	−2	ENE	1	–	o	*	–	39	32	bmd.og	cm.bcm	bcm.c.o	1·1
	Malin Head ...	1019·5	42	E	5	cmq	1020·3	+1	37	0	ESE	4	–	omq	5	–	43	36	omq	bcmq	omq	0·0
	Blacksod Point	195·6	43	SE	3	c	1015·6	−1	38	−2	ESE	4	SE	bcm	4	–	44	36	om	og	cm.bcm	*
	Valencia (Cahirciveen)	192·6	47	ESE	4	bc	1014·6	+1	44	−1	ESE	4	E	bcz	3	2	50	43	c.bcp	bc.cp	bc	3·9
	Roche's Point	1014·9	45	SE	5	omg	1016·3	*	44	+1	E	4	–	o	4	1	47	43	op.omg	omg	om	*
	Birr Castle ...	1016·0	44	E	2	c	1017·5	*	35	−5	E	1	–	m	*	–	46	35	o.c	c	cz	0·4
	Donaghadee ...	1020·3	42	ESE	4	omg	1020·9	+1	38	0	SE	4	–	ogmq	4	–	?	37	cmq.og	omg	ogmq	*
	Liverpool (Bidston)	1020·8	40	E	4	o	1021·2	0	35	−3	E	3	E	og	2	–	42	35	of.m	oz	bc.o	0·0
	Holyhead ...	1018·2	43	E	6	bm	1018·9	+1	37	−1	E	6	–	bm	4	–	51	36	bm.b	b.bm	b.o.bm	6·9
	Pembroke (St. Ann's)	1017·0	43	E	4	b	1016·2	+1	39	0	ENE	4	–	o	3	–	45	39	c.bc	bc.b	b.c.o	6·4
	Hartland Quay	1016·2	46	E	3	bz	1015·5	0	40	+1	ESE	4	SE	bcm	3	–	48	?39	bc.bz	bz	bm.om	*
	Scilly (St. Mary's)	1013·1	46	ESE	6	cmq	1013·1	0	45	0	ESE	4	E	c	5	0·1	50	43	c.bc.b	bc.cmq	bc.c	6·4
	Falmouth ...	1014·4	43	ENE	4	om	1013·5	0	44	0	NE	4	–	oz	*	–	48	40	cq.bcz	bcz.om	bm.oq.o	2·5
	Jersey (St. Aubin)	1014·0	47	ENE	3	bm	1013·5	*	39	−1	E	2	–	bm	2	–	50	36	ome.bm	bm	bmx	7·5
	Portland Bill ...	1015·8	45	E	4	bm	1014·9	−1	40	−2	ENE	5	–	c	4	–	46	40	c.o	c.bc	o.c	*
	Dungeness ...	1017·0	43	ENE	3	c	1016·2	0	37	−1	ENE	5	E	bcq	4	–	46	36	f.bc	bc.cp	c.b.o.c	*
	Dover	*	*	*	*	*													*	*		
	Wick	1029·4	41	SE	6	cmg	1027·4	−2	38	−2	SE	6	–	omg	6	–	42	37	cmg	cmg	omg	*
	Nairn	1028·2	39	ESE	2	bc	1025·9	*	35	−4	ESE	1	–	cg	1	–	44	32	cg	cg.bc	bcxq	5·5
	Aberdeen ...	1029·8	39	ESE	5	b	1027·8	−1	37	−3	SE	4	–	o	4	–	46	37	o.c.b	bq	bq.bc.o	5·0
	Leith	1025·9	40	E	2	o	1024·8	0	37	−2	E	2	–	om	3	–	42	36	o	og.c.o	cg.bc.o	*
	Tynemouth ...	1026·1	40	ESE	4	bcm	1025·8	−1	37	−3	E	2	–	om	4	–	40	36	oim	cim	om	*
	Spurn Head ...	1023·0	39	ESE	5	bq	1021·6	−1	37	−3	E	4	–	oq	5	–	40	35	oq	o.bq	c.bq	2·0
	Yarmouth (Gorleston)	1021·2	40	E	7	b	1019·9	−2	37	−2	E	7	–	o	7	–	42	35	bcm	b	bcm.o	7·0
	Clacton-on-Sea	1019·7	41	ENE	4	bc	1018·6	−1	37	−4	ENE	4	E	c	4	–	44	36	og.cz	cz.bc	bc.c	1·0
	Nottingham ...	1021·6	39	ENE	4	b	1021·1	*	35	−3	E	4	E	o	*	–	41	34	o	o.c	o.c.b	0·0
	Benson (Oxon.) ...	?	43	?	2	o	1018·0	+1	36	−2	NE	4	–	o	*	–	47	32	o	o	bc.o	*
	Sth Farnborough	1018·6	41	ENE	4	om	1018·0	0	37	−2	ENE	4	–	o	*	–	49	33	md.bcz	bc.om	om.bc.o	2·8
	Salisbury Plain	1018·0	40	ENE	5	m	1017·5	0	34	−1	ENE	6	–	o	*	–	46	33	oz	bm	oq	*
	London (Kew Obsy.)	1018·6	44	E	4	m	1018·2	0	37	−2	NE	5	–	o	*	–	44	36	om	om.cim	cm.bm.om	0·0
NORTHERN EUROPE.	Spitsbergen ...	1013·8	−11	SSE	1	b	1013·8	−1	5	4	S	1	*	m	*	*	5	−13				
	Vardö	1010·2	37	NW	5	o	1016·7	+2	28	−6	N	2	–	o	2	*	37	21				
	Bodö	1039·7	36	SW	2	b	1035·8	0	32	0	E	2	–	b	2	–	36	30				
	Christiansund ...	1037·6	37	–	0	b	1035·2	−1	30	−4	E	1	–	b	3	–	45	30				
	Skudesnaes ..	1036·2	36	–	0	b	1033·5	−2	28	−2	–	0	–	b	1	–	41	27				
	Færder (X'ania Fjord)	1039·0	34	NE	2	b	1034·8	−2	28	−4	NNE	4	–	b	1	–	36	27				
	The Scaw (Skagen)	1035·4	36	NE	3	b	1033·9	−1	30	−2	ENE	2	–	b	2	–	37	30				
	Blaavands Huk	1031·9	32	E	3	c	1027·9	−3	34	+6	E	4	–	o	*	–	37	27				
	Copenhagen ...	1033·1	36	ENE	3	b	1031·8	0	34	+4	SE	4	–	o	*	–	36	30				
	Bornholm ...	1029·8	34	E	9	b	1030·7	+1	32	+2	ESE	7	–	c	1	–	34	28				
FRANCE, &c.	The Helder ...	1023·8	37	ENE	7	b	1019·8	−1	30	−4	E	5	–	s	3	Trace	43	30				
	C. Gris Nez ...	1018·0	45	ENE	2	c	1016·6	+1	32	−4	E	5	*	b	3	–	48	30				
	La Hève	1015·5	46	NE	1	m	1015·1	*	39	+1	E	3	*	m	2	–	39	37				
	Brest (St. Mathieu)	1012·2	48	SSE	4	c	1011·8	+1	43	0	ESE	3	*	bc	5	–	52	41				
	Rochefort (Ile d'Aix)	1012·3	52	S	1	c	1011·6	+1	?	–	ESE	2	*	bc	*	–	59	37				
	Biarritz	1011·1	67	SSE	1	b	1011·0	+1	48	+3	SSE	2	*	c	2	–	61	45				
	Paris	1015·6	46	E	2	bc	1014·7	+1	32	+2	NNE	1	–	b	*	–	54	30				
	Belfort	1016·6	37	E	4	o	1017·0	*	30	–	E	4	*	o	*	–	41	29				
	Lyons	1013·9	45	–	0	bc	1015·2	*	32	−13	–	0	*	b	*	–	55	30				
	Nice	1012·4	46	–	0	o	1016·3	+4	43	−2	–	0	*	b	2	–	57	39				
	Perpignan ..	1012·4	52	N	1	c	1013·2	+2	45	+8	SW	1	–	o	*	–	57	37				
	Sanguinaire ...	1012·2	54	NW	4	bc	1015·9	*	48	−2	E	3	*	b	3	–	66	46				
SOUTHERN STATIONS.	Corunna	1008·6	53	S	5	c	1010·2	−1	46	−6	SW	3	–	r	4	6	55	45				
	Madrid	1015·1	46	–	0	o	1015·2	+2	39	–	–	0	–	f	*	1	46	37				
	Lisbon	1016·3	55	WNW	4	c	1013·8	+3	?52	0	WNW	3	–	o	6	6	57	46				
	Azores (Horta) ...	1022·2	*	WSW	7	c	1024·2	+2	59	+2	WSW	5	*	m	4	–	63	57				
	Madeira	1025·6	63	N	2	b	1026·8	−1	54	+2	NW	2	–	b	2	–	63	52				
	Gibraltar	1017·3	52	SW	5	o	1015·9	*	52	−3	W	4	*	c	3	10	58	48				
	Malta	*	*	*	*	*	1016·0	+2	54	−3	W	2	–	bc	1	1	63	52				
	Limassol	*	*	*	*	*	1013·6	−1	64	+3	ENE	3	–	o	6	–	72	54				
	Alexandria ...	1012·8	63	W	2	o	1013·5	+1	63	−1	WNW	3	–	o	1	–	81	59				
	Cairo (Helwan) ...	1013·2	75	–	0	o	1013·9	+2	66	−2	–	0	SW	c	*	–	82	61				

ERRATA

In the D.W.R. for Yesterday (7th. March), the observations for Vardö and Færder were transposed.

The 7 a.m. barometer at Vardö should read 1010·6 mb, not ?1037·2 mb.

AURORA observed at DONAGHADEE last night.

LONDON 8th. MARCH, 9h. G.M.T.	Humidity. 15 h. 7th. %	Humidity. 9 h. 8th. %	Sunshine for 7th. Hours.	24 hours ended 9 h. 8th: Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
GREENWICH (Royal Observatory)	84	80	0·0	44	35	29	–	o	o	o.c.b
CITY (Bunhill Row)	*	*	0·0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	81	80	0·0	45	43	33	–	m	m	om
CAMDEN SQ. (British Rainfall) ..	83	80	0·0	47	34	27	–	o	o	*
S. KENSINGTON (Museum Grounds)	*	76	0·0	45	39	*	*	o	o	o.b.o

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 7th.

Total.	Average Rate.	Max. Rate.
Joules. 190	Milliwatts. 4·8	Milliwatts. 29·5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,561. Saturday, 9th. MARCH, ...1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

At Seaford, Hastings, Worthing and Jersey 9 hours of bright sunshine was recorded, and nearly as much at Stornoway. The rainfall was 6 mm. at Stornoway, and 3 mm. in the form of snow at Tynemouth.

A sharp frost occurred at inland stations in England, the minimum being 24° at Farnborough, and 25° at Benson and Nottingham. Fog developed during the night locally in the south-east.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. Friday, 8th. MARCH...

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 8h.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	–	–	39	35	o	os.o	0·1
	Montrose	–	1	43	34	o	o	0·0
	St. Andrews	*	*	39	34	o	osp.o	0·8
Eng. N.E.	Harrogate	–	3	37	31	o	os	0·0
	Skegness	–	–	40	34	o	b	1·0
England, E.	Felixstowe	–	0·1	41	34	cv.b.cs	bcv	5·0
	Southend-on-Sea	–	0·2	42	35	os.c	c.bc.b	1·9
England, S.E.	Margate	–	–	39	36	o	c.bc	2·3
	Hastings	–	–	46	33	bc.b	b	8·8
	Eastbourne	–	–	44	36	bc.b	b	8·0
	Seaford	*	*	53	33	bc.b	b	9·3
	Worthing	–	–	45	36	b	b	8·8
	Littlehampton	–	–	44	36	–	–	6·8
	Bournemouth	–	–	45	36	bc	bc	3·9
Scotland, W.	Oban	–	–	41	36	bc	o	4·3
Eng. N.W.	Morecambe	–	1	39	34	*	*	0·0
	Southport	–	0·2	37	35	o.c.o	or.o	0·0
Midlands.	Malvern	–	–	38	33	o.c	c.o	1·0
	Ross-on-Wye	–	–	43	34	c.bc	bc.o	0·5
Wales.	Rhyl	–	–	39	35	og	og	0·0
	Colwyn Bay	–	–	40	35	c	c	0·3
	Llandudno	*	*	43	35	c	c	0·4
	Aberystwyth	*	*	42	36	c.b	bc.o	8·0
England, S.W.	Weymouth	*	*					
	Torquay	–	–	43	39	o	o.c.b	1·2
	Paignton	*	*					
	Penzance	–	–	47	43	c.o	o.c	1·5
	Newquay	–	–	45	39	b	b	4·2
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF Friday, 8th. MARCH....

	STATIONS.	Evening of 7th. Barom. Millibars at M.S.L.	Evening of 7th. Temp.	Evening of 7th. Wind Direc.	Evening of 7th. Wind Force 0-12.	Evening of 7th. Weather.	Morning of 8th. Barometer. Millibars at M.S.L.	Morning of 8th. Barometer. Change in 3 hours.	Morning of 8th. Temp. Dry Bulb.	Morning of 8th. Temp. Change in 24 hours.	Morning of 8th. Wind. Direc.	Morning of 8th. Wind. Force 0-12.	Morning of 8th. Weather.	Morning of 8th. Rainfall. Millimetres.	Morning of 8th. Temp. Max.	Morning of 8th. Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	1007·0	27	NW	7	s	1010·2	+4	23		NNW	4	o	–	*	23
	Hangö	1035·9	23	–	o	b	1032·2	+3	21	+3	NW	2	c	–	*	18
	Yuriev															
	Petrograd	1030·0	21	W	4	bc	1026·0	o	14	+7	WNW	4	b	–	25	7
	Vijni Volotchok	1030·3	21	?	1	b	1024·8	–2	18	–1	W	2	o	–	*	18
	Gorki							*							*	
	Moscow	1028·6	27	WNW	2	b	1024·4	+3	21	–2	WNW	3	c	—	*	18
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1014·6	45	NNE	1	r	?1017·6	*	43	o	NE	1	r	2	50	41
	Turin	1014·6	46	–	o	r	1020·7	*	41	o	–	o	b	–	54	41
	Pesaro	1014·5	46	–	o	b	?1017·6	*	45	o	–	o	o	–	50	43
	Leghorn	1012·6	50	–	o	bc	1016·7	*	50	+2	–	o	c	2	55	46
	Rome	1013·4	52	E	1	r	1016·6	*	48	–2	–	o	b	12	59	46
	Viesti	1012·5	52	S	1	r	?1017·5	*	50	o	–	o	o	1	54	46
	Brindisi	1013·7	55	SE	1	c	1014·2	*	50	–2	NW	1	c	–	59	50
	Cagliari	1011·3	57	NW	3	c	1016·1	*	52	o	NW	3	b	1	61	43
	Palermo	1013·3	50	W	1	o	1016·6	*	48	o	–	o	b	–	62	?
	Tripoli	1017·8	54	SE	2	b	1019·8	*	52	+2	S	1	b	5	?66	46
	Algiers	1016·7	52	–	o	b	1015·0	+1	54	+2	WSW	2	o	—	61	50
SWEDEN.	Hernösand						1030·2	*	30	+16	S	2	b	*	*	*
	Stockholm						1031·6	*	36	+11	W	2	b	*	*	*
	Wisby						1032·6	*	30	–2	NNW	2	b	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Weather.
		°F	°F			
Isafjord	1012·7	41	+2	SE	2	c
Reykjavik	1010·0	43	+4	SE	5	o
Vestmanna	1011·4	43	+2	SE	7	bc
Seydisfjord	1018·3	43	+6	SW	4	c
Thorshavn	1026·3	39	–1	S	5	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

9th and 10th MARCH, 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·24	12·4	5·43
	6·22	12·4	5·45
Greenwich	6·31	12·11	5·51
	6·29	12·11	5·53
Wick	6·49	12·23	5·56
	6·47	12·23	5·59
Valencia	7·13	12·52	6·29
	7·11	12·52	6·34

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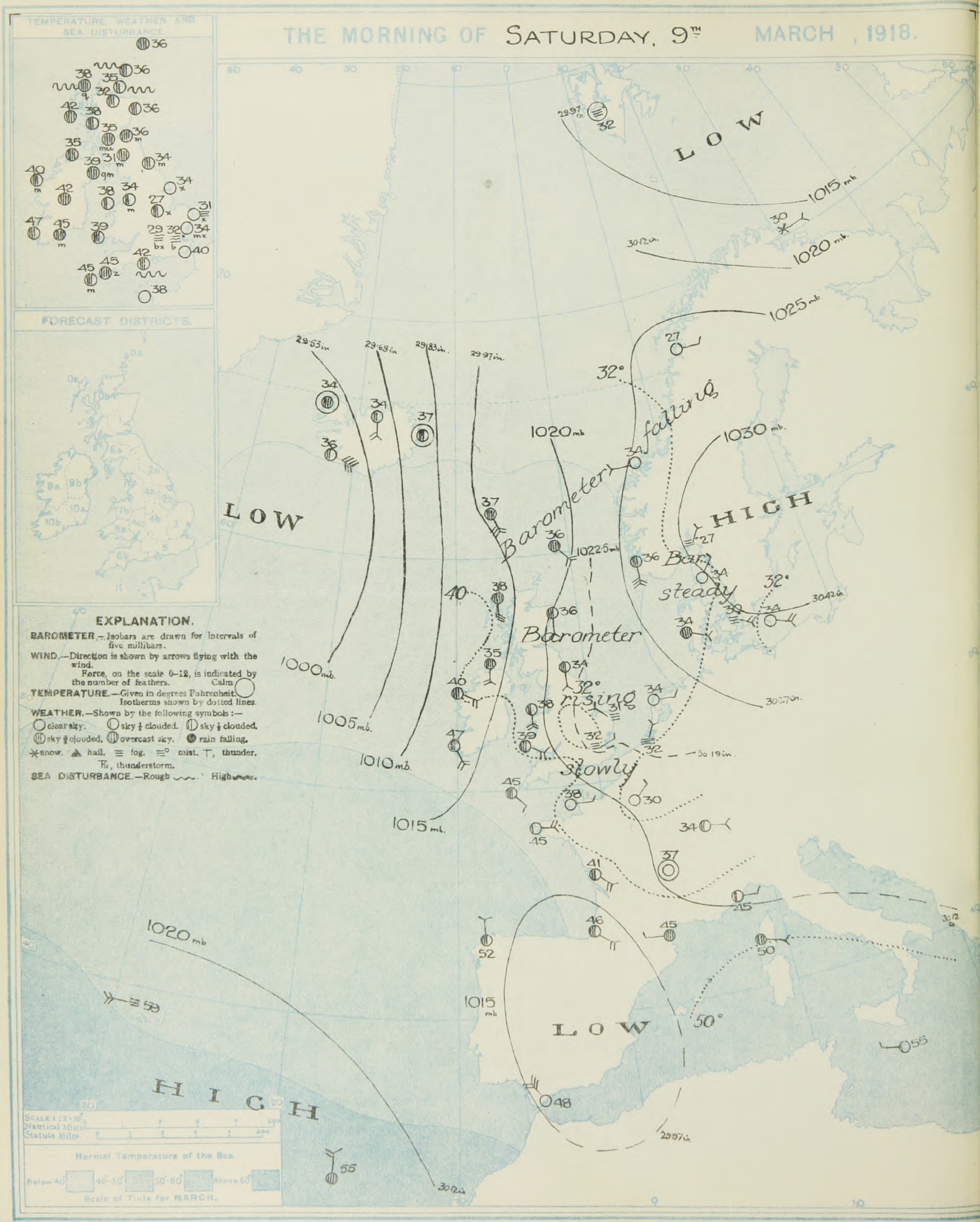
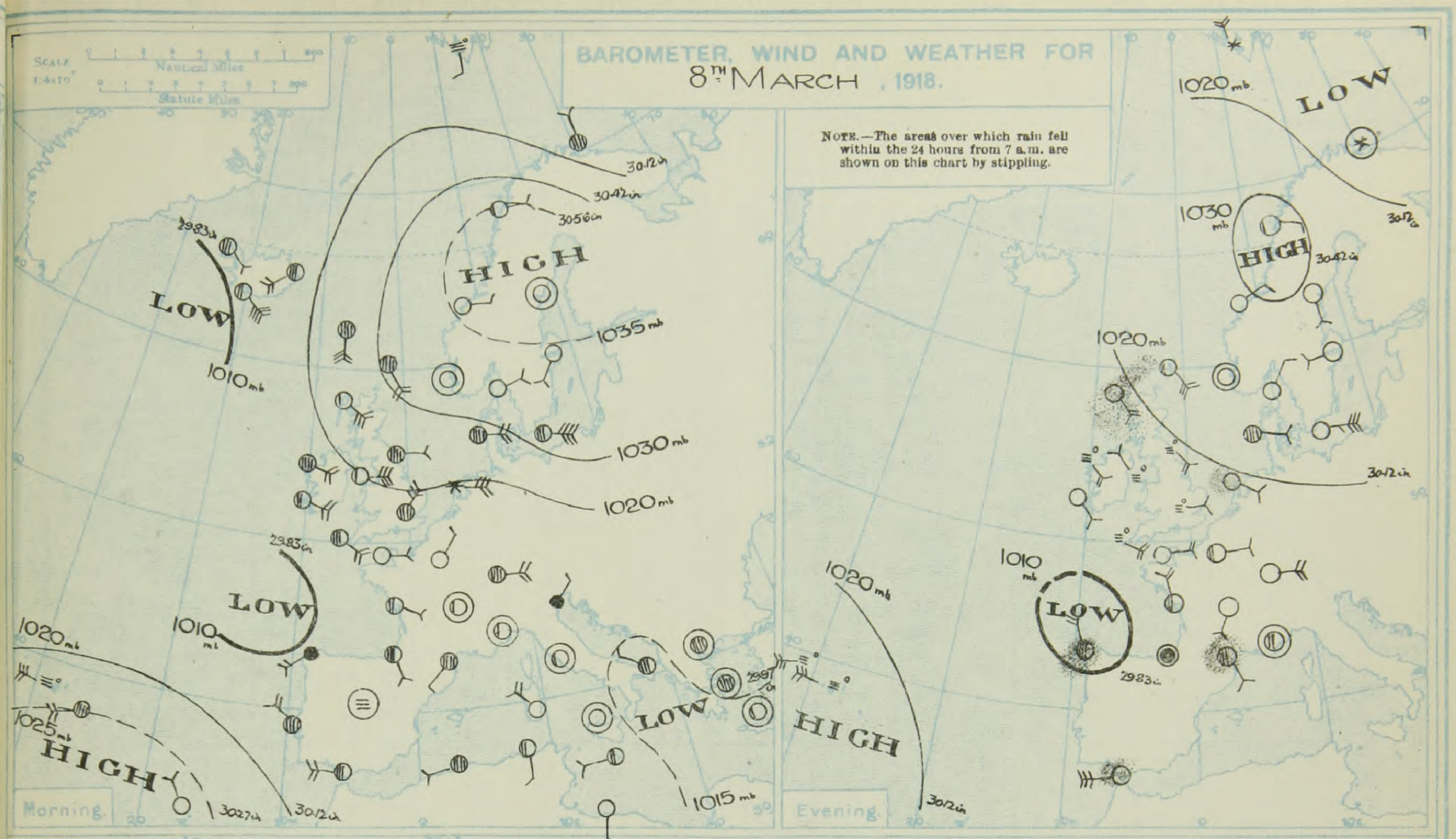
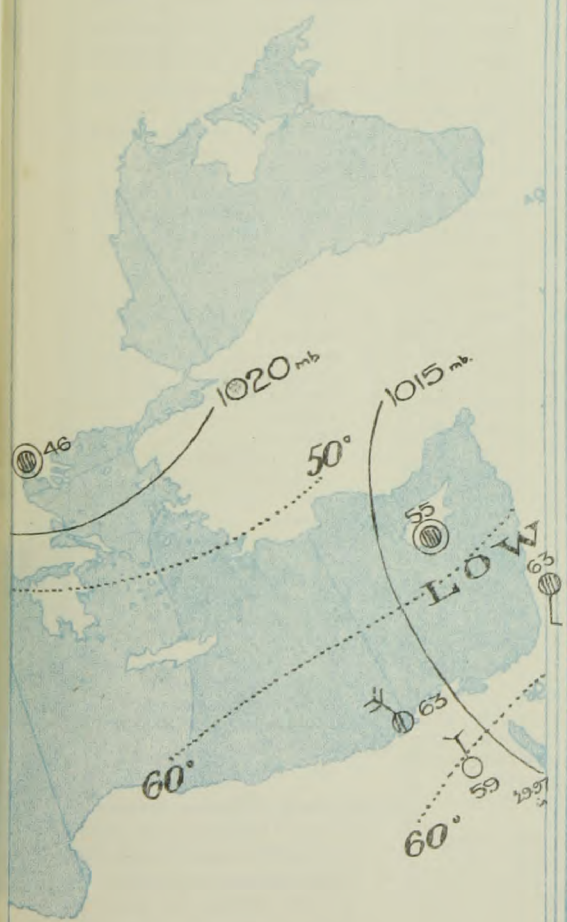
‡ The barometric change is expressed in half-millibars.

THE MORNING OF SATURDAY, 9TH MARCH, 1918.







The Present Situation

There is an anticyclone over Southern Scandinavia, but pressure is lower there than it was yesterday. There is probably a depression at a considerable distance to the west or north-west of Scotland. The barometer is rising over England, but falling slowly on our north and north-west coasts. The wind is mainly from E. and is light in force over the South of England and Ireland, and also in Holland, Denmark and France. In Scotland the wind has become S. and blows rather strongly in the north. The weather is fine on both sides of the English Channel and in Holland, but there is mist or fog in our south-eastern counties. Dull conditions prevail in Scotland and Ireland. The temperature is rather high on our south-west coasts, but frosty inland.

The General Outlook

In Scotland, Ireland and Wales, and in the north of England the S. wind is likely to freshen and veer towards SW, the weather continuing dull and rather mild. Fine quiet conditions will continue in the south-east, with fog at night and a large range of temperature.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 68. Saturday, 9th MARCH.

	STATIONS.	Evening of 8th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 9th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 A.M. 9th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 8th. Hours.
BRITISH ISLANDS.	Lerwick ...	1026.2	39	SE	5	bc	1018.7	-2	36	-3	SE	4	–	o	4	2	41	33	o bc	bc	bc o fq	*
	Deerness (Orkney)	1022.3	38	SE	5	oe	1016.9	*	36	-3	S	5	–	c	5	–	40	33	o	oe	o.c	0.1
	Stornoway ...	1018.9	40	SE	2	b	1013.4	-1	38	+1	S	6	–	oq	5	6	45	33	b	b	bcprsq	8.6
	Castlebay (Barra Isd.)	1017.7	40	SE	4	c	1013.7	0	42	+2	S	5	–	o	5	0.3	42	38	bc.o	o.c	c.op.o	7.1
	Glasgow ...	1018.3	33	ENE	2	odrs	1019.1	+1	35	0	SSE	3	–	omu	*	1	37	31	ogz	od.rsp	od.rsp	0.0
	Eskdalemuir ...	1018.0	32	ENE	2	osm	1021.5	+3	31	-1	S	1	–	ujn	*	1	35	30	o	o.osm	omsom	0.0
	Malin Head ...	1017.4	37	SE	3	omg	1013.7	-1	35	-2	S	3	–	om	2	–	40	33	cmq	cmq	l om	0.0
	Blacksod Point	1013.8	42	SE	3	bz	1011.7	-1	40	+2	ESE	3	SE	cm	3	–	46	37	bz	bz	bcm.cm	*
	Valencia (Cahirciveen)	1013.5	45	SSE	2	b	1013.8	+1	47	+3	SSE	3	S	cz	3	–	50	40	bc.c.bz	c.bz	bc.cz	1.6
	Roche's Point	1015.4	42	E	3	og	1016.3	*	45	+1	E	3	–	om	4	0.4	45	41	om	odm.og	od.om	*
	Birr Castle ...	1015.3	39	SE	1	o	1015.8	*	42	+7	SE	1	–	o	*	–	42	33	oz	odu	o	0.0
	Donaghadee ...	1016.8	37	ESE	3	ogmpd	1017.3	+2	39	+1	S	2	–	omg	1	–	?	37	ogmq	ogmq	omg	*
	Liverpool (Bidston)	1016.9	36	E	2	o	1021.0	+2	34	-1	SE	2	–	bm	2	–	38	32	om	om	bmx	0.0
	Holyhead ...	1016.3	40	NW	2	omg	1019.4	+2	38	+1	S	4	–	bc	2	–	41	36	b.bem	bc.com	o.c.bc	4.9
	Pembroke (St. Ann's)	1016.1	40	ESE	3	o	1019.0	+2	39	0	ESE	3	SE	c	3	–	41	39	o.c.o	o	o.bc.b	0.0
	Hartland Quay	1016.0	42	SE	3	om	1019.4	+2	39	-1	ESE	3	SW	bm	2	–	44	36	bm.bcm	bcm.om	bm.cm	*
	Scilly (St. Mary's)	1013.3	46	ESE	4	om	1017.6	+1	45	0	SE	1	SE	cm	4	–	50	43	cm.om	om.c.om	om o cm	3.2
	Falmouth ...	1014.8	43	ESE	4	om	1017.9	+3	45	+1	E	4	–	oz	*	–	45	41	o.c.oz	oz.om	o.c.oz	0.3
	Jersey (St. Aubin)	1014.2	46	E	3	b	1019.5	*	38	-1	E	1	–	b	0	–	52	36	bm.b	b	bxw	9.0
	Portland Bill ...	1015.1	41	E	4	bc	1019.3	+3	42	+2	E	5	–	c	5	–	42	38	c	c.bc	bc.c	*
	Dungeness ...	1017.1	38	NE	4	b	1020.9	+3	40	+3	NE	3	–	b	2	–	42	36	c.b	b	b	*
	Dover	*	*	*	*	*													*	*		
	Wick	1021.7	37	SE	6	omg	1016.8	+1	35	-3	SE	6	–	bc	5	0.3	40	33	omg	omg	bcm	*
	Nairn	1020.5	37	ESE	1	cg	1016.8	*	32	-3	–	0	–	c	1	–	42	28	c.bc	bc.c	cg	6.4
	Aberdeen ...	1021.1	35	SE	5	bcq	1020.7	+3	36	-1	S	2	–	c	3	1	40	33	o	ohspq	bcspq	0.0
	Leith	1017.6	35	E	2	r	1018.7	+1	36	-1	S	2	–	om	2	1	39	32	oing.o	od.ors	o.cm.o	*
	Tynemouth ...	1018.9	35	SE	3	oim	1022.2	+1	34	-3	S	2	S	cm	4	3	38	31	os	asp	bcm.b	*
	Spurn Head ...	1019.0	36	SE	2	bc	1023.9	+2	34	-3	SSW	1	–	bx	4	–	38	32	cv	csp.bc	b	0.4
	Yarmouth (Gorleston)	1019.4	36	SSE	3	bc	1023.4	+3	31	-6	NW	2	–	bfx	3	1	38	30	bcspq	bcspq	bcx	3.2
	Clacton-on-Sea	1018.8	37	ESE	2	bc	1022.8	+3	34	-3	N	2	–	bmx	2	–	40	33	csp	c.bc	bc.bmx	3.0
	Nottingham ...	1018.0	36	SE	1	c	1023.3	*	27	-8	ESE	1	S	cx	*	–	38	25	osv	os.c	c.b	0.0
	Benson (Oxon.) ...	1017.4	33	SE	1	m	1022.0	+4	27	-9	–	0	–	b	*	–	41	25	o	bc	bmx	*
	Sth Farnborough	1017.5	36	ENE	3	b	1022.4	+3	29	-8	ENE	2	–	ofx	*	–	41	24	om	o.bm	bm.ofx	1.3
	Salisbury Plain	1017.3	31	E	4	b	1022.0	+4	27	-7	ENE	3	–	b	*	–	40	27	c.o	o.c.b	bx	*
	London (Kew Obsy.)	1017.9	39	E	2	om	1023.0	+5	32	-5	ENE	1	–	bf	*	–	42	30	om	om.cm.om	bc.bmx.of	1.1
NORTHERN EUROPE.	Spitsbergen ...	1011.9	12	N	4	s	1014.4	+1	32	+27	–	0	*	m	*	*	32	3				
	Vardö	1017.2	28	–	0	s	1016.2	0	30	+2	E	2	–	s	3	*	30	23				
	Bodö	1032.7	34	ESE	1	b	1027.6	-4	27	-3	E	1	–	b	1	–	36	27				
	Christiansund ...	1029.1	36	ENE	1	b	1025.6	-2	34	+4	W	2	–	b	3	–	41	30				
	Skudesnaes ..	1028.8	32	–	0	b	1026.6	0	36	+8	S	5	–	c	2	–	39	27				
	Færder (X'iania Fjord)	1031.8	32	NNE	1	b	1031.2	0	27	-1	NNE	2	–	m	1	–	32	27				
	The Scaw (Skagen)	1030.3	32	NE	1	b	1029.8	0	34	+4	NE	1	–	b	1	–	37	28				
	Blaavands Huk	1027.0	34	ESE	3	o	1027.2	+1	34	0	ESE	2	–	o	*	–	36	30				
	Copenhagen ...	1030.3	34	E	3	b	1030.2	+1	30	-4	ESE	3	–	m	*	–	36	30				
	Bornholm ...	1029.4	32	ESE	7	b	1029.9	+1	34	+2	ESE	3	–	b	1	–	36	28				
FRANCE, &c.	The Helder ...	1019.9	39	ESE	2	b	1023.5	+1	34	+4	E	1	–	b	1	1	39	30				
	C. Gris Nez ...	1017.4	36	ENE	3	b	1021.6	+3	37	+5	E	3	*	c	2	–	41	32				
	La Hève	1015.8	45	E	3	b	1019.9	*	39	0	ESE	3	*	b	1	–	52	39				
	Brest (St. Mathieu)	1013.6	50	–	0	bc	1017.8	+2	45	+2	E	3	*	b	5	–	55	43				
	Rochefort (Ile d'Aix)	1013.6	50	SW	3	bc	1016.7	+2	41	–	SE	3	*	bc	*	–	59	37				
	Biarritz	1011.4	52	–	0	r	1013.8	+3	46	-2	ESE	3	*	c	3	–	55	45				
	Paris	1016.4	43	E	2	b	1020.4	+2	30	-2	NE	1	–	o	*	–	52	30				
	Belfort	1018.0	43	E	4	c	1023.0	*	34	+4	E	2	*	bc	*	–	49	30				
	Lyons	1015.8	50	SSW	2	b	1020.8	*	37	+5	–	0	*	b	*	–	59	32				
	Nice	1018.8	46	–	0	bc	1020.4	+2	45	+2	E	1	*	bc	3	–	55	39				
	Perpignan ..	1014.4	50	SSE	2	c	1016.4	+1	45	0	W	1	–	o	*	5	55	32				
	Sanguinaire ...	1016.4	55	ESE	2	r	1017.6	*	50	+2	ESE	2	*	o	3	–	59	46				
SOUTHERN STATIONS.	Corunna	1008.8	52	NNW	3	c	1017.5	+4	52	+6	N	2	–	c	4	17	54	50				
	Madrid														*							
	Lisbon																					
	Azores (Horta) ...	1023.6	*	WSW	5	m	1024.6	+1	59	0	W	4	*	f	3	–	64	59				
	Madeira	1024.7	59	NW	4	bc	1024.7	+2	55	+1	N	3	–	o	3	–	63	55				
	Gibraltar	1014.2	51	W	6	b	1014.9	*	48	-4	NW	3	*	b	3	9	58	47				
	Malta	*	*	*	*	*	1018.4	+3	55	+1	WNW	1	–	b	0	–	61	50				
	Limassol	*	*	*	*	*	1012.8	+1	55	-9	–	0	–	o	0	Trace	70	48				
	Alexandria ...	1014.0	68	N	3	c	1016.3	+2	59	-4	N	2	–	bc	0	–	79	55				
	Cairo (Helwan) ...	1015.1	61	WNW	3	b	1016.6	+2	63	-3	NNW	4	N	bc	*	–	72	59				

LONDON, 9th MARCH, 9h. G.M.T.	Humidity. 15 h. 8th. %	Humidity. 9 h. 9th. %	Sunshine for 8th. Hours.	24 hours ended 9 h. 9th: Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
GREENWICH (Royal Observatory)	70	91	2.4	43	27	19	–	o.obp	o.c	b.bfx
CITY (Bunhill Row)	*	*	0.8	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	69	95	1.0	42	?	29	–	bc	bc	bc.bm
CAMDEN SQ. (British Rainfall) ..	76	98	1.2	43	27	24	–	o	c	*
S. KENSINGTON (Museum Grounds)	*	91	0.6	41	32	*	*	o	o.c	b.bfx

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 8th.

Total.	Average Rate.	Max. Rate.
Joules. 290	Milliwatts. 7.1	Milliwatts. 34

The thermometers at Greenwich and Camden Square are in Glaisher screens.

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,562. SUNDAY, 10TH MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature exceeded 50° in many localities in the afternoon, Aberystwyth registering 56°. Sharp frost occurred over SE. England in the night, the shaded thermometer sinking to 24° at South Farnborough. Showers fell in the north and west. Ireland and most parts of Scotland had little or no sunshine, while England had large records, about ten hours at Hastings and Jersey. A Southerly gale was felt at Blacksod and Wick.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. SATURDAY, 9TH MARCH.

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 9TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	2	-	42	29	c. bc	b bc	0·0
	Montrose	-	-	42	33	o	o	1·0
	St. Andrews							
Eng. N.E.	Harrogate	Trace	-	43	27	b	b. o	6·8
	Skegness	-	-	43	25	b	b	8·4
England, E.	Felixstowe	-	-	45	30	bm	bm	9·3
	Southend-on-Sea	-	-	50	32	bz. b	b. bz	8·4
England, S.E.	Margate	-	-	45	35	b	b	9·1
	Hastings	-	-	51	34	b	b	10·0
	Eastbourne	-	-	47	32	b	b	8·7
	Seaford	*	*	53	34	o	o	9·2
	Worthing	-	-	51	34	b	b	9·9
	Littlehampton	*	*	47	36	-	-	9·3
	Bournemouth	-	-	51	30	b	b	9·3

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 9TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, W.	Oban	-	-	45	34	c	o	0·0
Eng. N.W.	Morecambe					*	*	
	Southport	-	-	51	31	o.c bc. b	b. bc. c	7·0
Midlands.	Malvern							
	Ross-on-Wye	-	-	55	47	b	b	8·0
Wales.	Rhyl							
	Colwyn Bay							
	Llandudno	*	*					
	Aberystwyth	*	*	56	35	o.c. b	b. o	5·0
England, S.W.	Weymouth	*	*					
	Torquay							
	Paignton	*	*	51	41	b	b	6·0
	Penzance	-	-	55	43	b	b	9·0
	Newquay							
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF SATURDAY, 9TH MARCH.

	STATIONS.	Evening of 8TH. Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 9TH. Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	1016·0	12	N	1	b									*	
	Hangö	1030·0	25	.	0	b									*	
	Yuriev															
	Petrograd	1025·1	27	W	3	o	1025·4	o	18	+4	WNW	3	c	-	30	14
	Vijni Volotchok	1023·8	27	W	2	b										
	Gorki							*							*	
	Moscow	1021·9	28	WNW	3	o									*	
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout	1023·7	30	-	0	b		*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1020·3	45	-	0	b	1021·7	*	45	+2	N	1	c	-	52	43
	Turin	1022·5	45	-	0	b	1023·6	*	39	-2	-	0	b	1	45	36
	Pesaro	1022·9	46	-	0	0	1022·3	*	46	+1	NNW	2	o	-	52	45
	Leghorn	1018·1	50	NE	1	b	1019·1	*	48	-2	E	1	c	-	55	46
	Rome	1018·1	52	-	0	bc	1019·2	*	46	-2	SE	1	o	-	59	45
	Viesti	1017·1	50	WNW	1	b	1020·6	*	50	0	NW	1	b	-	54	43
	Brindisi	1017·9	54	W	1	c	1019·5	*	54	+4	NE	2	bc	-	54	54
	Cagliari	1015·3	59	SE	4	o	1015·3	*	50	-2	NE	4	o	-	63	45
	Palermo	1016·9	52	-	0	b	1018·6	*	50	+2	-	0	o	-	61	43
	Tripoli	1018·6	61	SE	2	b	1017·4	*	57	+5	E	3	b	-	63	50
	Algiers	1013·5	48	SW	2	bc	1013·0	+1	52	-2	-	0	o	3	55	48
SWEDEN.	Hernösand	1030·2	30	S	2	b	1028·3	*	16	-14	N	2	b	*	*	*
	Stockholm	1031·6	34	W	2	b	1029·8	*	28	-8	WSW	2	b	*	*	*
	Wisby	1032·6	30	NW	2	b	1031·0	*	30	0	SW	2	b	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	999·5	34	-7	-	0	0
Reykjavik	996·0	36	-7	ESE	7	bc
Vestmanna						
Seydisfjord	1009·0	37	-6	-	0	c
Thorshavn	1015·7	37	-2	SSE	5	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

10TH AND 11TH MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·22	12·4	5·45
	6·20	12·3	5·47
Greenwich	6·29	12·11	5·53
	6·26	12·10	5·55
Wick	6·47	12·23	5·59
	6·44	12·22	6·1
Valencia	7·11	12·52	6·34
	7·8	12·51	6·35

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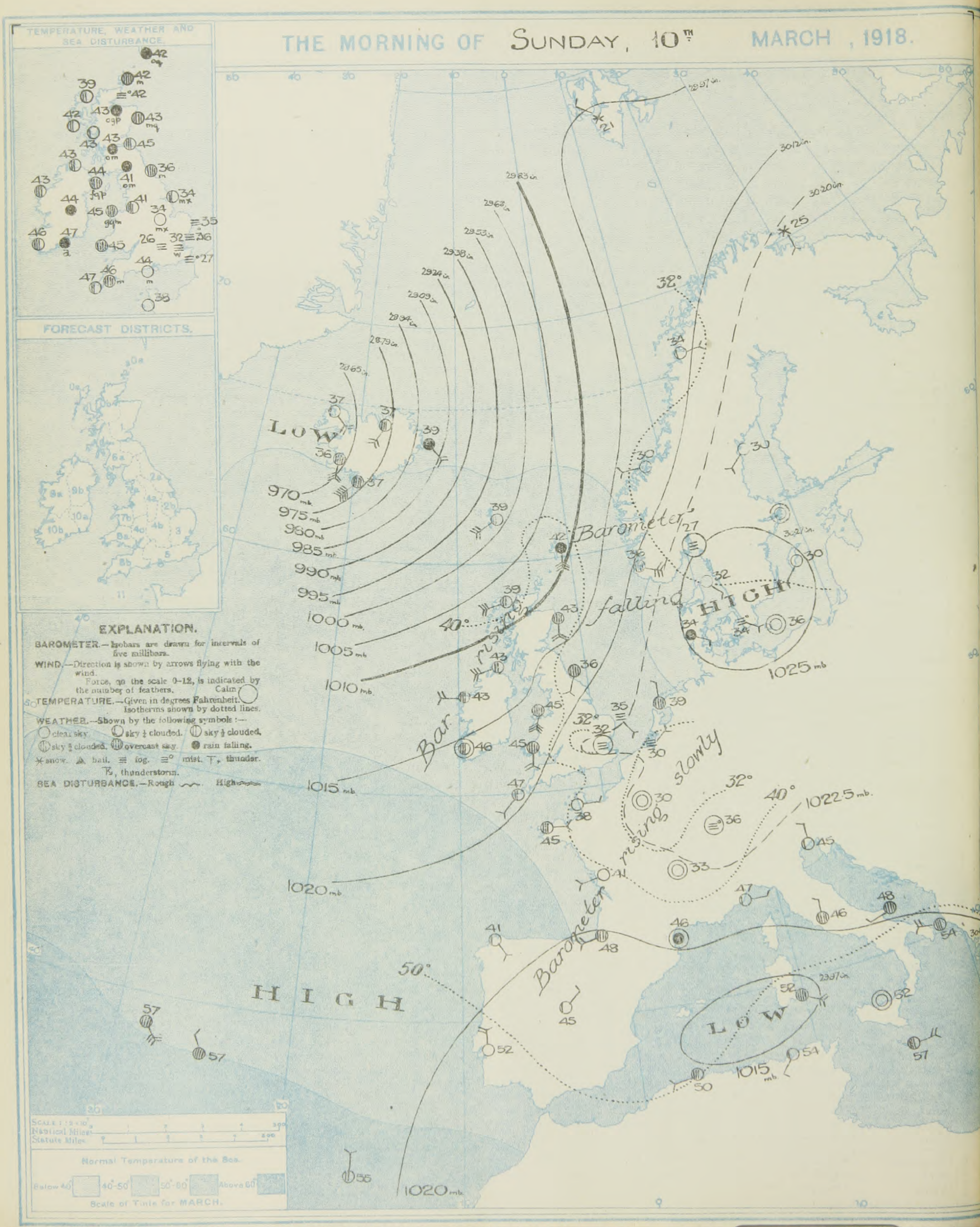
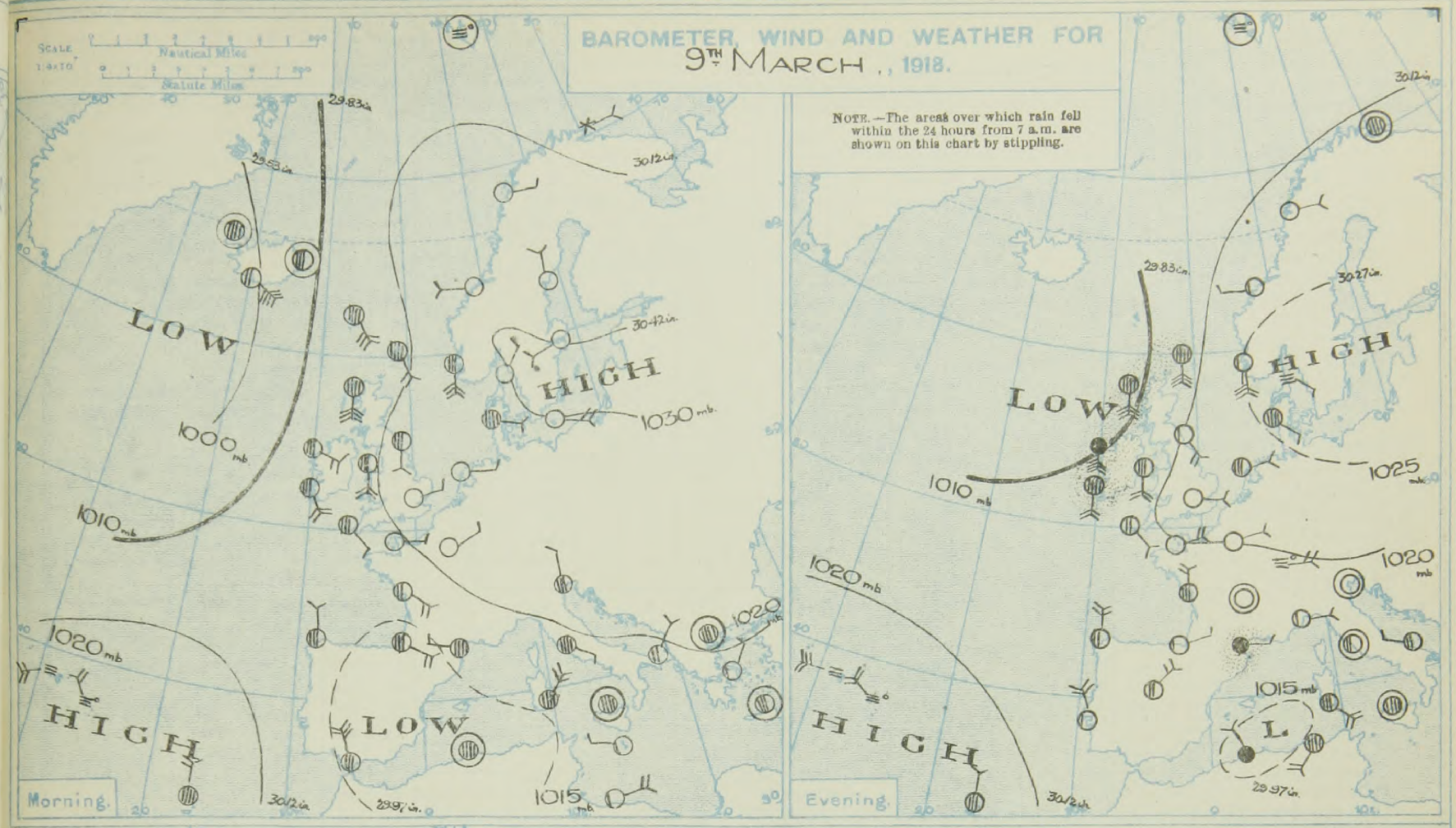
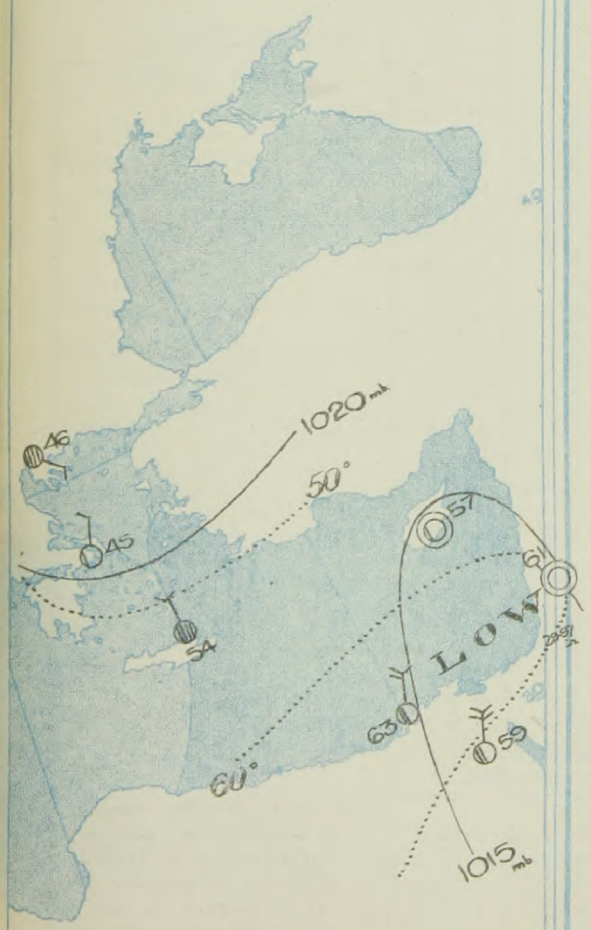
‡ The barometric change is expressed in half-millibars.

THE MORNING OF SUNDAY, 10TH MARCH, 1918.







The Present Situation

The general distribution of pressure exhibits no modification of importance. The barometer is above 1020 mb. from the Azores north-eastward across Europe, the maximum readings, above 1025 mb., forming a small area over the southern extremity of Sweden and the Baltic. Depressions from the north-west quarter of the Atlantic continue to advance north-eastward for the Polar region, a deep one, with the barometer below 970 mb., now approaching Western Iceland. Small shallow depressions are found on the Algerian and Palestine coasts.

Locally on our western and northern coasts and across to Iceland the South to South-West wind is fresh or strong, but in other regions the direction is very variable, and the force generally light. At home and abroad the weather is variable, fine to dull, with rain at a few isolated stations, snow northward of Norway, and a foggy atmosphere over south-east England and on the Skagerak.

Temperature is very low over SE. England, 26° at Benson and South Farnborough, mild in other regions.

H.H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 69.. {SUNDAY, 10TH MARCH.

	STATIONS	EVENING OF ..9TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12	Weather	MORNING OF ..10TH: Barometer Millibars at M.S.L.	Change in 3 hours	Temp. Dry Bulb	Change in 24 hours	Wind Direc.	Wind Force 0-12	Direc. of Upper Cloud	Weather	Sea 0-9	24 HOURS ENDED 7 A.M. ..10TH: Rainfall Millimetres	Temp. Max.	Temp. Min.	Weather Morning	Weather Afternoon	Weather Night	Sunshine for 9TH
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS	Lerwick ...	1016·3	41	S	6	omq	1007·3	−2	42	+6	S	6	–	orq	6	2	42	35	o.beq	cmq	omqr	*
	Deerness (Orkney)	1013·5	41	S	5	og	1007·1	*	42	+6	S	5	–	om	5	–	42	36	c.bc	bc cs.	om	6·9
	Stornoway ...	1008·2	45	S	6	oq	1007·9	+6	39	+1	WSW	5	–	bcq	4	4	46	37	oq	oq	op.bcq	0·7
	Castlebay (Barra Isd.)	1008·8	45	SE	6	om	1010·1	+3	42	0	W	4	S	bc	4	2	47	41	om	om	odr bc.	0·2
	Glasgow ...	1016·8	43	S	3	om	1012·1	0	43	+8	SSW	4	–	orm	*	3	46	35	ogm	o.c.om	o.b.orm	0·0
	Eskdalemuir ...	1018·7	41	SSW	2	om	1015·3	0	41	+10	SSW	6	–	orm	*	–	43	31	omby	by.cg.o	om	3·3
	Malin Head ...	1009·2	47	S	6	cmq	1011·8	+5	43	+8	WSW	5	–	bcq	5	–	47	35	bcm	cmq	bcq	1·8
	Blacksod Point	1007·0	46	S	7	ogmp	1013·8	+5	43	+3	W	3	–	c	4	5	48	37	omg	ogmp	omrbc	*
	Valencia (Cahirciveen)	1012·7	48	S	4	o	1015·8	+3	46	−1	–	0	–	c	3	5	52	46	c.og.	cogpd.	or.o.	0·9
	Roche's Point	1015·9	46	S	4	om	1015·9	*	47	+2	S	3	–	d	4	3	47	45	om	omdom	od	*
	Birr Castle ...	1013·4	48	S	2	o	1015·3	*	44	+2	–	0	–	r	*	3	49	40	o	o	or	0·0
	Donaghadee ...	1014·9	44	S	4	ogf	1013·2	+2	44	+5	SW	4	–	ofqp	3	1	?	38	ogm	ogf.	ofp.	*
	Liverpool (Bidston)	1019·1	47	SE	2	c	1017·6	0	41	+7	SE	3	SE	c	2	–	50	30	bm	bm	bc.c.	7·5
	Holyhead ...	1018·9	46	S	4	cmg	1015·8	0	45	+7	SSW	6	–	oqgm	4	–	51	37	bc.b.	b.bc	o.b.bc.o.	6·6
	Pembroke (St. Ann's)	1019·0	47	SE	3	bc	1018·8	+2	45	+6	S	3	–	o	3	–	48	40	c.bc.	bc	bc.bc.o	5·2
	Hartland Quay	1019·4	51	S	2	b	1020·1	+1	46	+7	S	3	NW	c	3	–	56	38	bmby	by.c.	bc.bc.	*
	Scilly (St. Mary's)	1018·7	48	SE	2	bc	1019·5	+1	47	+2	SW	2	SW	bc	3	–	53	44	cm.bcm	b.bc	bc	7·1
	Falmouth ...	1015·3	47	ESE	3	by	1020·5	+2	46	+1	S	1	–	om	*	–	53	43	og bc.b.	b.by.	b.bcom	5·8
	Jersey (St. Aubin)	1019·9	50	ENE	3	b	1021·6	*	38	0	E	1	–	b	0	–	55	36	b.	b.	bwx	10·2
	Portland Bill ...	1020·9	45	E	3	b	1020·8	0	44	+2	ESE	3	–	bm	3	–	46	41	bc.b	b.	bcm	*
	Dungeness ...	1020·9	43	NE	3	b	1021·7	+1	27	−13	NE	1	–	m	2	–	47	27	b.	by.	b.bcm	*
	Dover	*	*	*	*	*													*	*		
	Wick	1014·9	40	SE	6	cm	1007·5	0	42	+7	SSW	5	–	m	5	0·2	42	35	bc.cm	cm	cq.omp.	*
	Nairn	1014·1	41	SSE	4	bcg	1008·3	*	43	+11	WSW	2	–	pgo.	2	1	45	32	c.bc	bcqg	cqp	5·3
	Aberdeen ...	1018·8	40	S	4	bm	1011·6	−1	43	+7	S	4	–	om.q	3	–	43	36	o.c.	bcb.	bq.coq	2·8
	Leith	1017·0	43	SSE	1	c	1011·7	0	45	+9	SW	4	SW	c	3	–	47	36	omc.bc	c.bcg.c.	c.bcp.c.	*
	Tynemouth ...	1020·5	40	SSE	3	bm	1017·0	−1	36	+2	SSW	2	–	om	3	–	42	34	bm	bm	bm	*
	Spurn Head ...	1022·9	39	SE	2	b	1021·5	0	34	0	SSE	2	–	bcm	3	–	42	32	b	b	b.bcm	9·1
	Yarmouth (Gorleston)	1023·1	39	E	2	b	1022·4	+1	35	+4	SSE	2	–	of	2	–	46	30	bm	bm	bmf	9·5
	Clacton-on-Sea	1022·4	42	NE	2	by	1022·9	+1	36	+2	ENE	2	–	f	1	0·3	47	31	bmg	by	byf	9·0
	Nottingham ...	1021·6	42	SSE	2	b	1021·1	*	34	+7	W	1	–	bmx	*	–	49	26	bc.b.	b.	b	8·5
	Benson (Oxon.) ...	1021·4	40	SE	1	b	1021·7	0	26	−1	SE	1	–	f	*	–	50	25	by	by	bf	*
	Sth Farnborough	1021·7	44	ENE	1	m	1022·8	0	26	−3	E	1	–	f	*	–	52	24	ofx by.	byz.	bm.ofx	6·5
	Salisbury Plain	1021·8	42	SE	2	b	1022·2	0	33	+6	SE	1	–	c	*	–	52	28	b	b	ccm	*
	London (Kew Obsy.)	1021·0	44	E	2	bm	1023·0	+3	32	0	–	0	–	fw	*	Trace	50	30	ofx.fx.f.	f.by.bm.	bfmw	3·6
NORTHERN EUROPE	Spitsbergen ...	1015·9	19	–	0	m	1015·6	0	21	−11	NW	1	*	s	*	*	32	14				
	Vardö	1020·8	27	–	0	o	1023·4	0	25	−5	S	3	–	s	3	*	30	25				
	Bodö	1021·4	34	E	2	b	1019·8	0	30	+3	E	2	–	b	2	–	34	25				
	Christiansund ...	1024·0	36	W	1	b	1017·8	−4	30	−4	W	2	–	b	3	–	41	30				
	Skudesnaes ..	1025·2	36	S	5	b	1020·8	−3	36	0	ESE	5	–	o	4	–	37	34				
	Færder (X'ianiaFjord)	1027·9	30	ESE	1	b	?1025·5	−1	27	0	–	0	–	f	0	–	32	27				
	The Scaw (Skagen)	1027·5	27	SE	1	f	1024·8	−2	?		SSE	1	–	f	1	–	36	25				
	Blaavands Huk	1026·7	39	SE	1	o	1025·4	−2	34	0	SE	·9	–	r	*	–	41	28				
	Copenhagen ...	1028·0	36	ESE	2	b	1026·2	0	34	+4	SE	2	–	m	*	–	39	30				
	Bornholm ...	1027·4	32	ESE	3	m	1026·4	0	36	+2	–	0	–	b	?	–	36	30				
FRANCE, &c.	The Helder ...	1023·6	36	ENE	2	c	1023·2	+1	39	+5	N	1	–	r	1	–	39	32				
	C. Gris Nez ...	1022·0	42	ENE	3	b	1021·6	+1	41	+4	NE	2	*	b	1	–	48	36				
	La Hève	1020·7	45	NE	3	m	1022·7	*	39	0	NE	1	*	m	1	–	54	39				
	Brest (St. Mathieu)	1019·1	55	SSW	1	b	1021·8	+1	45	0	E	2	*	c	2	–	59	43				
	Rochefort (Ile d'Aix)	1017·5	54	ESE	1	c	1021·6	+3	41	0	WSW	2	*	b	*	–	63	41				
	Biarritz	1016·2	50	ENE	1	b	1019·9	+2	48	+2	WSW	3	*	o	4	–	59	47				
	Paris	1020·0	48	ENE	1	b	1022·7	+3	30	0	–	0	–	b	*	–	51	30				
	Belfort	1020·0	47	E	3	m	1024·0	*	36	+2	–	0	*	m	*	–	55	32				
	Lyons	1019·2	50	–	0	b	1022·4	*	33	−4	–	0	*	b	*	–	59	33				
	Nice	1019·6	46	E	2	b	1021·0	+2	47	+2	E	1	*	b	2	–	55	41				
	Perpignan ..	1017·8	48	E	1	r	1020·7	+3	46	+1	–	0	–	r	*	18	52	32				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS	Corunna	1016·7	54	N	4	bc	1022·0	+2	41	−11	SSE	2	N	b	3	–	55	41				
	Madrid	1012·0	54	NE	3	bc	1019·9	+4	45	+6	NE	1	–	b	*	?	54	39				
	Lisbon	1016·0	54	NNW	4	b	1018·2	+1	52	0	NNW	3	–	b	6	–	57	50				
	Azores (Horta) ...	1024·7	*	W	5	f	1023·5	+1	57	−2	S	5	*	o	4	–	64	57				
	Madeira	1022·2	61	N	2	c	1022·2	0	55	0	N	2	–	bc	2	–	66	55				
	Gibraltar							*					*									
	Malta	*	*	*	*	*	1016·4	+6	57	+2	E	3	–	c	2	–	61	54				
	Limassol	*	*	*	*	*	1014·2	+1	57	+2	–	0	–	b	0	–	70	48				
	Alexandria ...	1017·2	61	N	2	bc	1015·4	+1	63	+4	NW	5	N	bc	2	–	70	55				
	Cairo (Helwan) ...	1015·1	66	N	3	c	1013·5	−1	59	−4	NE	4	NW	bc	*	1	73	55				

GALES.
Duration and Extreme Force in British Isles.

BLACKSOD POINT.
Gale S 8 19-23hrs. (9TH)

WICK.
Gale SE 8. 19 hrs. – 5 hrs (9-10TH)

LONDON 10TH MARCH 9h. G.M.T.	Humidity 15 h. 9TH	Humidity 9 h. 10TH	Sunshine for 9TH	24 Hours ended 9 h. ..10TH: Temperature Max.	Temperature Min.	Min. on Grass	Rainfall	Weather Morning	Weather Afternoon	Weather Night
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	59	97	7·2	50	29	23	–	f.b.	b.f.	fx.
CITY (Bunhill Row)	*	*	2·8	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	58	98	2·6	50	*	30	–	f	b	b.bcf
CAMDEN SQ. (British Rainfall) ..	64	100	3·4	49	31	27	–	o.bc	bc	*
S. KENSINGTON (Museum Grounds)	*	92	4·7	49	33	*	–	f.bm	bm.bc	bcm.m

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during ..9TH..

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
460	11·3	26·5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,563 ...MONDAY, 11TH MARCH....1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

In many parts of the country the day was very fine, with sunshine measurements which ranged up to 8 hours or over. Day temperatures rose to between 55° and 60° in the south-east of England. At some stations the day was foggy throughout, and at these the maximum readings were much lower, only 40° at Clacton. Little precipitation was reported.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 10TH MARCH

	STATIONS.	Rainfall Night 18h-9h.	Rainfall Day 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 10TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	0·1	0·4	49	37	cr. bc	b. bc	4·6
	Montrose	1	-	51	38	bc	bc	4·6
	St. Andrews							
Eng. N.E.	Harrogate	-	-	52	30	bc	bc. c. o	4·0
	Skegness	Trace	-	49	33	bc	bc	5·9
England, E.	Felixstowe	0·3	0·1	37	30	f	f	0·0
	Southend-on-Sea	0·3	-	46	30	ofe	of. b. bz	3·9
England, S.E.	Margate	*	*	47	38	of. bc	b	5·8
	Hastings							
	Eastbourne	-	-	47	31	bcm	bc. b.	3·7
	Seaford	*	*					
	Worthing	-	-	51	30	b	b	8·8
	Littlehampton							
	Bournemouth	-	-	52	29	b	bz	6·0
Scotland, W.	Oban							
Eng. N.W.	Morecambe					*	*	
	Southport	-	-	50	38	o	o	0·0
Midlands.	Malvern							
	Ross-on-Wye	-	-	57	35	cb. bc.	bc. b.	2·6
Wales.	Rhyl	-	-	53	39	bc	bc. c.	0·2
	Colwyn Bay	-	-	53	46	bc.	c	1·4
	Llandudno	*	*	53	43	c	c	0·9
	Aberystwyth	*	*	52	43	od. c.	c. c. o	0·2
England, S.W.	Weymouth	*	*					
	Torquay							
	Paignton	*	*					
	Penzance							
	Newquay	-	-	55	42	b	b. bc	6·1
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 10TH MARCH

	STATIONS.	Evening of 9TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 10TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel						1019·0	+4	7		NW	1	0	-	*	5
	Hangö	1025·0	28	-	0	b	1022·4	+2	16		WNW	1	0	-	*	12
	Yuriev															
	Petrograd	1020·3	25	NW	4	b	1021·1	+2	9		NW	1	b	-	31	7
	Vijni Volotchok															
	Gorki							*							*	
	Moscow	1018·0	34	WNW	3	0	1014·4	+1	27		W	2	b	-	*	26
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice	1021·3	48	-	0	b	1021·9	*	45	0	N	1	b	-	54	43
	Turin	1021·3	45	-	0	b	1023·8	*	41	+2	-	0	0	-	54	39
	Pesaro	1021·8	45	-	0	b	?	*	50	0	-	0	b	-	52	?
	Leghorn	1019·3	52	-	0	0	1020·1	*	50	+4	NE	1	b	-	59	48
	Rome	1019·8	52	-	0	bc	1020·5	*	46	-2	N	1	0	-	59	46
	Viesti	1020·1	50	NW	1	bc	1021·1	*	48	+2	W	1	0	-	55	46
	Brindisi	1017·7	54	NW	2	bc	1019·1	*	54	0	NW	3	bc	-	54	52
	Cagliari	1015·3	61	SE	4	c	1013·9	*	52	+2	ESE	4	0	-	63	46
	Palermo	1017·7	54	-	0	0	1018·9	*	52	+2	-	0	b	-	63	45
	Tripoli							*								
	Algiers	1014·2	50	NNW	2	T	1015·2	+1	50	-2	WSW	2	c	3	59	48
Sweden.	Hernösand						1024·4	*	30	+14	SW	2	b	*	*	*
	Stockholm						1021·1	*	10	-18	-	0	b	*	*	*
	Wisby						1025·3	*	30	0	SW	2	b	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	969·4	37	+3	SE	4	b
Reykjavik	969·2	36	0	S	5	0
Vestmanna	971·0	37		SW	9	0
Seydisfjord	982·2	39	+2	SE	4	T
Thorshavn	997·9	39	+2	SW	5	bc

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

11TH AND 12TH MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·20	12·3	5·47
	6·18	12·3	5·48
Greenwich	6·26	12·10	5·56
	6·24	12·10	5·56
Wick	6·44	12·22	6·1
	6·41	12·22	6·3
Valencia	7·8	12·51	6·35
	7·5	12·51	6·37

‡ The barometric change is expressed in half-millibars.

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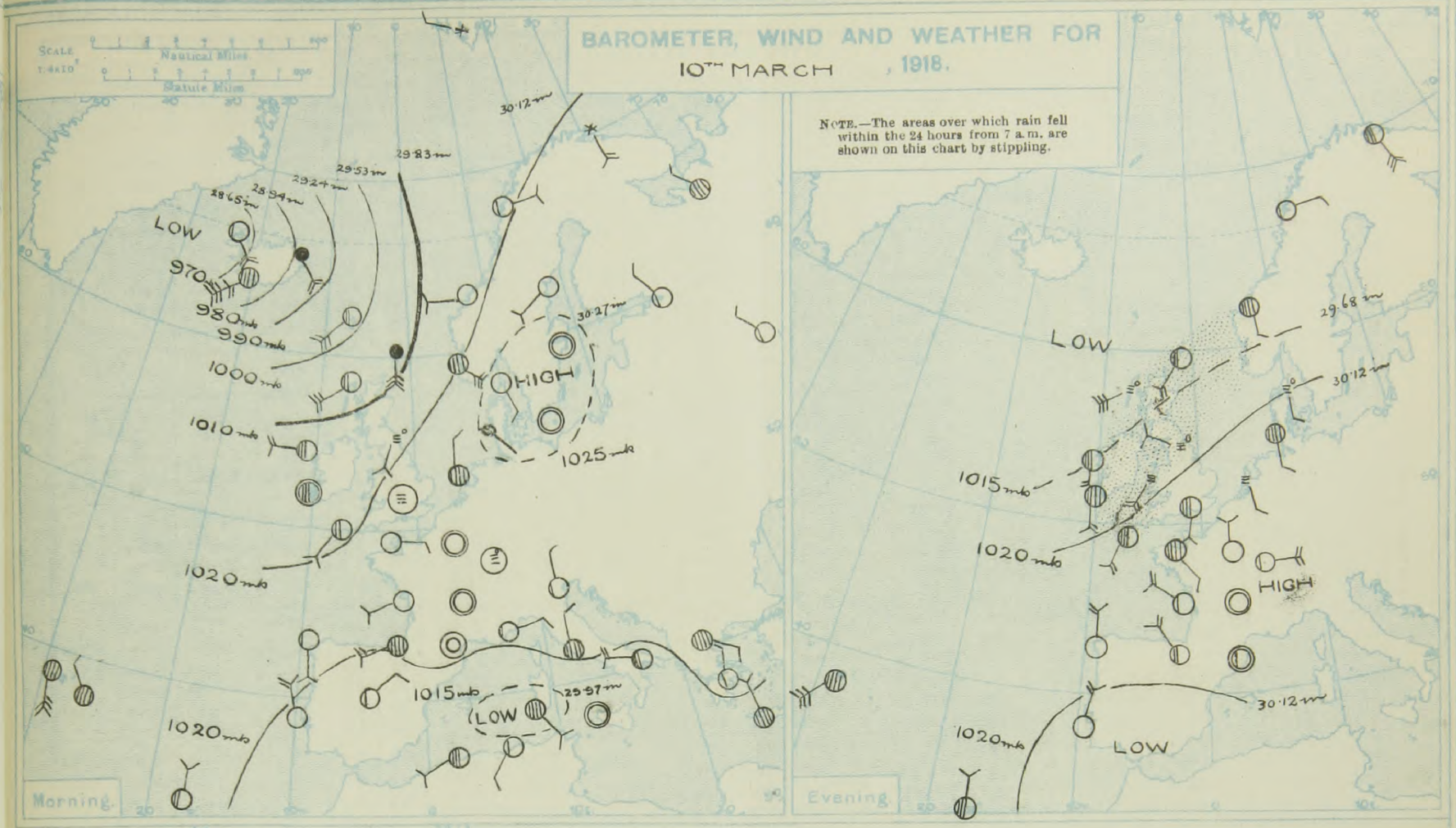
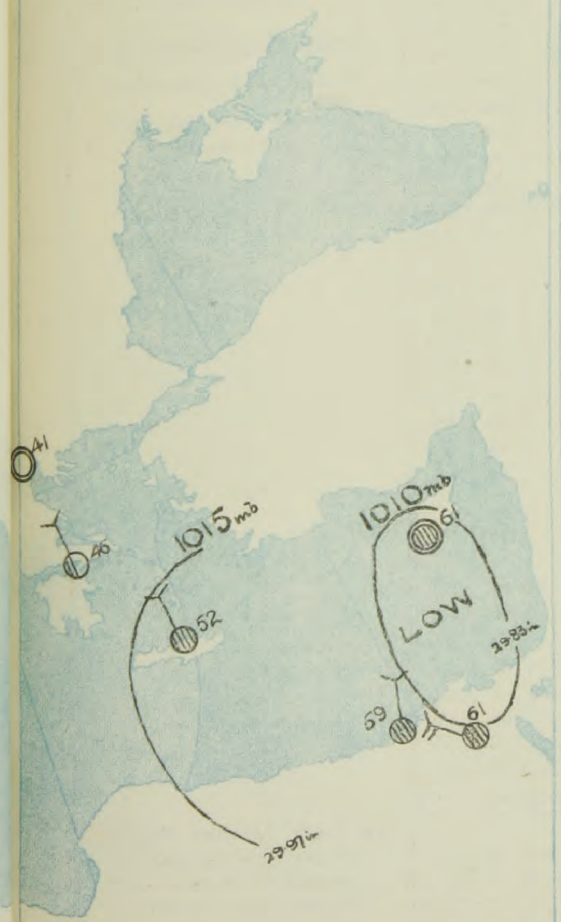
THE MORNING OF MONDAY, 11TH MARCH, 1918.





The Present Situation

A depression lies off the western coasts of the British Isles, and is causing a Southerly wind which is fresh or strong in the west. There is also much cloud, and rain at a few stations. The eastern parts of the country and the whole of France are under the influence of an anticyclone which is centred over Germany. In this region light breezes and finer weather prevail. There is a great deal of fog over the Eastern North Sea, and fog is also reported from some British stations on the Irish Sea and the Straits of Dover.

The General Outlook

The relative distribution of pressure, high on the Continent, low in the Iceland region, favours the passage of depressions along a track which passes to the north-west and north of the British Isles. A continuance of a mild South-Westerly type of conditions over this country is therefore expected.

H.H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 70. {MONDAY, 11TH MARCH.

STATIONS	Evening of 10th: Barom. Millibars at M.S.L.	Evening: Temp. °F.	Evening: Wind Direc.	Evening: Wind Force 0-12.	Evening: Weather	Morning of 11th: Barometer Millibars at M.S.L.	Morning: Change in 3 hours ‡	Morning: Temp. Dry Bulb °F.	Morning: Temp. Change in 24 hours °F.	Morning: Wind Direc.	Morning: Wind Force 0-12.	Direc. of Upper Cloud	Morning: Weather	Sea 0-9.	24 hours ended 7 a.m. 11th: Rainfall Millimetres	Temp. Max. °F.	Temp. Min. °F.	Weather: Morning	Weather: Afternoon	Weather: Night	Sunshine for 10th Hours
BRITISH ISLANDS.																					
Lerwick	1012.4	41	SW	3	bc	1012.5	-1	42	0	S	4	-	cm	4	6	46	39	orq.	bc	bc om	*
Deerness (Orkney)	1014.2	40	SW	2	b	1010.8	*	41	-1	SSE	4		c	4	-	45	37	omcbc	bcb.	b bc c	6.2
Stornoway	1013.7	41	SW	6	opm.	1006.0	-7	43	+4	S	6	-	oq	5	1	47	37	bcq	bc opq.	bc oq.	8.0
Castlebay (Barra Isd.)	1014.3	44	SSW	3	c	1006.6	-4	45	+3	SE	5	-	o	5	1	46	39	bc o bc	bc o c	c op o.	6.4
Glasgow	1018.1	43	WSW	2	c	1013.7	-1	38	-5	E	1	-	orm	*	2	48	35	od c bc	bc c	o.b orm	3.7
Eskdalemuir	1018.9	39	NNE	1	o	1014.9	0	42	-1	SSW	5	-	ome	*	7	46	34	orm ov	ov bc o.	o odm	0.7
Malin Head	1016.2	44	SE	1	cm	1006.2	-2	45	+2	SSE	5	-	cq	4	1	47	40	bcm	bcm	omp.	3.9
Blacksod Point	1014.8	45	S	3	c	1004.3	-3	47	+4	S	6	-	omd	6	2	48	40	bc	bc	om omd	*
Valencia (Cahirciveen)	1016.4	48	S	3	o	1009.4	-3	51	+5	S	5	-	o	4	-	52	44	c o c.	bc c o	o	2.9
Roche's Point	1017.6	47	SW	1	o	1014.1	*	47	0	S	4	-	om	4	2	53	46	d.o	o c o	ofd om.	*
Birr Castle	1016.5	48	W	1	c	1010.5	*	49	+5	S	3	-	c	*	-	51	43	o.c.	c.	c	1.2
Donaghadee	1017.0	44	SE	3	bcm	1012.2	-1	45	+1	S	4	-	ofpd.	3	1	?	42	bcm	bcm	ogm of.	*
Liverpool (Bidston)	1018.5	48	SW	2	r	1016.8	-1	47	+6	SE	1	-	og	1	1	51	40	c o.	od	o	0.1
Holyhead	1017.7	46	SW	4	fe	1015.0	-1	46	+1	SSW	6	-	oef	4	4	47	45	opdfd.	fde	uoepd.	0.0
Pembroke (St. Ann's)	1019.3	46	S	4	om	1018.0	+1	46	+1	S	3	-	r	4	1	46	45	o	o opm	omfdr.	0.0
Hartland Quay	1021.1	50	SSW	3	o	1019.5	-1	47	+1	S	3	-	o	3	-	52	45	b bc c	c ou.	o	*
Scilly (St. Mary's)	1021.2	50	SW	3	c	1019.5	-1	49	+2	SSW	4	SW	c	4	-	52	47	bc c.	c	c	4.1
Falmouth	1021.6	49	SSW	2	og	1020.4	0	48	+2	SSW	2	-	og	*	-	55	45	m bc c	bcg c.o.	og	4.8
Jersey (St. Aubin)	1022.7	50	ESE	1	o	1022.7	*	45	+7	S	2	-	b	2	-	54	37	b	b o	cmbw	7.5
Portland Bill	1022.0	46	-	0	c	1021.5	-1	45	+1	SE	1	N	bc	2	-	52	43	bm	b. bc	b bc	*
Dungeness	1022.7	41	E	2	b	1023.1	0	41	+14	-	0	-	f	1	0.1	44	27	f *	f. b. *	bmf	*
Dover	*	*	*	*	*																
Wick	1015.0	41	W	3	bc	1011.2	-4	41	-1	S	3	-	c	3	0.1	49	35	omp bc.	bc	bcmc	*
Nairn	1015.6	39	-	0	bc	1010.0	*	42	-1	SW	1	-	cg.	1	2	46	33	prq bc	bc	bcc.	6.4
Aberdeen						1013.4	-3	41	-2	S	2	-	odm	2	0.4	51	33			bc odm	5.1
Leith	1017.7	44	W	1	c	1012.9	-1	40	-5	W	1	W	c	2	0.3	51	38	cp. c. bc	bc c. bc	cmog c	*
Tynemouth	1018.8	46	WNW	2	om	1016.2	0	45	+9	S	1	-	om	3	-	50	35	om	om	om	*
Spurn Head	1020.5	45	S	2	cm	1019.9	0	43	+9	SSW	2	-	c	3	-	48	34	bcm	bcm	cm	5.6
Yarmouth (Gorleston)	1021.9	36	S	3	f	1021.3	0	38	+3	S	2	-	bm	2	-	39	33	f	f	bf bm	0.3
Clacton-on-Sea	1023.1	37	ESE	2	f	1023.1	0	40	+4	SSW	1	-	bcz	0	0.1	40	35	f	f	f b bcz	0.0
Nottingham	1020.5	50	SW	1	c	1020.0	*	44	+10	SW	1	SW	c	*	-	58	34	b	bc c	c b	
Benson (Oxon.)	1021.3	50	S	3	bc	1021.1	-1	43	+17	-	0	-	o	*	-	58	26	bc	bc	bc	*
Sth Farnborough	1022.5	49	SSW	4	og	1022.5	-1	41	+15	SE	3	-	o	*	-	59	25	fx byy.	y. b. oz.	bm omw.	?
Salisbury Plain	1022.2	47	SSW	2	o	1021.8	-2	39	+6	SE	3	S	m	*	0.0	57	33	c	b.o.	b. om	*
London (Kew Obsy.)	1022.4	51	SSW	2	c	1022.5	0	34	+2	-	0	N	bc	*	Trace	57	29	f. bm.	bm bz om.	om bcmz	5.1
NORTHERN EUROPE.																					
Spitsbergen												*		*	*						
Vardö	1015.9	21	SSE	5	c	1019.4	-3	28	-2	S	4	-	s	2	*	28	21				
Bodö	1013.8	34	E	1	b	1010.6	0	32	+5	E	2	-	b	2	-	37	28				
Christiansund	1012.2	41	S	1	o	1016.3	+3	39	+5	SW	4	-	o	5	3	41	30				
Skudesnaes	1018.2	36	S	6	r	1012.8	+1	36	0	ESE	3	-	m	4	3	37	34				
Færder (X'lania Fjord)	1022.2	30	SSW	3	f	1020.2	0	34	+7	W	2	-	m	1	-	34	27				
The Scaw (Skagen)	1022.7	34	S	1	m	1022.2	0	34	0	SSW	2	-	o	2	-	36	32				
Blaavands Huk	1024.0	37	S	1	o	1024.0	0	34	0	SSW	2	-	f	*	-	39	32				
Copenhagen	1025.1	36	SW	2	o	1024.4	+1	36	+6	-	0	-	f	*	-	39	39				
Bornholm	1025.1	36	WSW	1	m	1024.4	0	39	+5	W	1	-	o	0	-	41	32				
FRANCE, &c.																					
The Helder	1023.8	32	SSE	1	f	1023.9	+1	30	-9	S	2	-	b	1	-	39	28				
C. Gris Nez	1022.8	45	SSW	1	b	1023.4	0	41	0	S	1	*	b	1	-	52	39				
La Hève							*					*									
Brest (St. Mathieu)	1023.2	50	SE	1	c	1022.8	+1	46	+1	SE	3	*	o	3	-	54	45				
Rochefort (Ile d'Aix)	1024.0	48	NW	3	b	1023.5	0	41	0	E	1	*	c	*	-	59	41				
Biarritz	1022.4	50	NW	3	bc	1022.7	0	46	-2	-	0	*	bc	2	-	55	45				
Paris	1023.5	50	N	2	b	1025.2	+1	30	0	NE	2	N	b	*	-	59	30				
Belfort	1024.0	45	E	4	b	1026.0	*	37	+1	-	0	*	m	*	-	59	34				
Lyons	1022.4	50	-	0	b	1024.3	*	37	+4	-	0	*	b	*	-	60	33				
Nice	1021.9	46	-	0	b	1022.3	+1	47	0	-	0	*	b	2	-	55	41				
Perpignan	1022.2	50	-	0	b	1022.3	+2	46	0	W	1	-	b	*	4	59	32				
Sanguinaire							*					*									
SOUTHERN STATIONS.																					
Corunna	1022.0	54	N	3	b	1023.1	+1	45	+4	-	0	NE	bc	1	-	56	41				
Madrid														*							
Lisbon	1020.3	63	NNE	3	b	1022.2	+1	50	-2	NNE	1	-	b	5	-	63	50				
Azores (Horta)	21.8	*	SSW	6	o	1025.2	+4	52	-5	NNW	3	*	b	2	1	63	52				
Madeira	1021.5	61	N	2	c	1023.0	+1	55	0	N	2	-	o	2	-	63	54				
Gibraltar	1020.0	56	W	4	c	1020.3	*	51		E	4	*	bc	2	3	63	47				
Malta	*	*	*	*	*	1017.2	+1	57	0	E	3	-	o	2	Trace	61	54				
Limassol	*	*	*	*	*	1009.9	-3	61	+4	-	0	-	o	0	-	66	52				
Alexandria	1012.4	59	E	3	r	1012.6	+1	59	-4	NNE	2	NE	o	1	1	68	54				
Cairo (Helwan)	1011.9	64	-	0	o	1010.0	+1	61	+2	NW	3	-	o	*	9	73	57				

GALES.
Duration and Extreme Force in British Isles.

SOLAR HALO observed at:-
VALENCIA at 11 and 15 hrs. (10th)
HARTLAND QUAY aftn. (10th)

LONDON 11th MARCH 9h. G.M.T.	Humidity 15 h. 10th %	Humidity 9 h. 11th %	Sunshine for 10th Hours	24 Hours ended 9 h. 11th: Temperature Max. °F.	Min. °F.	Min. on Grass °F.	Rainfall mm.	Weather: Morning	Afternoon	Night
GREENWICH (Royal Observatory)	50	56	6.4	59	37	27	-	f.b.	bby	b bc
CITY (Bunhill Row)	*	*	0.7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	49	59		58	†	30	-	m. b.	b.	b. bc
CAMDEN SQ. (British Rainfall)	-	64	0.1	52	33	2.8	-	-	-	*
S. KENSINGTON (Museum Grounds)	*		2.2	58	35	†	-	bc	bc	b

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 10th.

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
410	10.1	29

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,564. ...TUESDAY, 12TH MARCH..1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Mild weather was experienced in the daytime generally, a temperature of 60° being touched at South Farnborough, but at night the readings fell to 40° or below at many stations. There was much cloud and only a few places on the east and south-east coasts reported good sunshine measurements. Rain fell generally in the west and north.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 11TH MARCH

	STATIONS.	Rainfall Night 18h-9h.	Rainfall Day 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 11TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	54	35	bc	bc	3.4
	Montrose	-	1	51	37	o	o	0.7
	St. Andrews	*	*	54	35	o	b	2.3
Eng. N.E.	Harrogate	0.1	-	56	44	o.c.	bc.c.o.	1.3
	Skegness	-	-	59	39	bc	bc	3.1
England, E.	Felixstowe	0.2	-	48	34	bcm.	bcm.	9.0
	Southend-on-Sea	-	-	61	38	bc.b.	b bc.	8.2
England, S.E.	Margate	-	-	59	37	b.	b.	8.7
	Hastings	-	-	51	40	b.	b.	9.0
	Eastbourne	-	-	51	33	b.	b.	9.4
	Seaford	*	*	54	36	b	b	9.0
	Worthing	-	-	52	36	b.	b.	8.4
	Littlehampton							
	Bournemouth	-	-	50	35	c bc.	o.	0.1
Sc'tld W.	Oban	0.2	-	50	41	o/p.	o	0.0
Eng. N.W.	Morecambe	1	-	54	44	*	*	0.0
	Southport	0.3	-	56	45	o.c.o	o.c.	0.3
Midlands.	Malvern							
	Ross-on-Wye	-	-	59	43	c.bc.	b.bc	1.8
Wales.	Rhyl	-	-	54	47	c	o.	7
	Colwyn Bay	-	-	51	48	c	c.	0.0
	Llandudno	*	*	53	48	c	c	0.3
	Aberystwyth	*	*	54	44	r.o.c.	bc.o.	1.3
England, S.W.	Weymouth	*	*					
	Torquay	-	-	51	43	o.c.bc.	bc.o	1.7
	Paignton	*	*	53	41	b	c	1.4
	Penzance	-	-	52	48	o.c.	c.o.	0.2
	Newquay	-	-	54	45	o	c.o.	0.9
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 11TH MARCH

	STATIONS.	Evening of 10TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 11TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö														*	
	Yuriev															
	Petrograd															
	Vijni Volotchok															
	Gorki							*							*	
	Moscow														*	
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1022.1	50	-	0	b	1021.7	*	45	0	NNE	1	b	-	55	43
	Turin	1023.1	46	-	0	b	1024.1	*	41	0	-	0	b	-	54	39
	Pesaro	1022.6	43	-	0	b	1022.6	*	45	-5	-	0	b	-	52	38
	Leghorn	1020.2	52	-	0	b	1020.9	*	48	-2	-	0	b	-	61	46
	Rome	1020.2	54	-	0	b	1020.7	*	45	-1	N	1	b	-	52	45
	Viesti	1020.2	50	NW	1	b	1020.6	*	50	+2	WNW	1	o	-	56	45
	Brindisi	1018.1	54	NW	1	b	1018.6	*	54	0	NW	3	c	-	55	52
	Cagliari	1016.4	63	SE	3	c	1019.3	*	54	+2	NW	4	b	-	64	46
	Palermo	1018.3	50	-	0	b	1019.3	*	48	-4	NE	1	o	-	63	45
	Tripoli	1015.9	55	SE	1	o	1015.9	*	?		E	1	T	2	70	54
	Algiers	1017.6	50	-	0	b	1017.9	+1	50	0	W	2	o	5	57	50
SWEDEN.	Hernösand	1017.8	19	N	2	f	1012.7	*	12	-28	-	0	f	*	*	*
	Stockholm	1021.5	?	SSW	2	b	1019.0	*	34	+24	W	4	o	*	*	*
	Wisby	1023.8	34	WSW	2	b	1022.6	*	34	+4	W	4	o	*	*	*

Morning of 11TH:

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F	Temp. Change in 24 hours. °F	Wind Direc.	Wind Force 0-12.	Weather.
Isafjord	985.1	30	-7	W	3	c
Reykjavik	987.4	32	-4	E	2	bc
Vestmanna	987.9	37	0	E	5	o
Seydisfjord	996.2	32	-7	-	0	b
Thorshavn	1004.0	40	+1	S	4	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

12TH AND 13TH MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.18	12.3	5.48
	6.16	12.3	5.50
Greenwich	6.24	12.10	5.56
	6.22	12.10	5.58
Wick	8.41	12.22	6.3
	8.38	12.22	6.5
Valencia	7.5	12.51	6.37
	7.3	12.51	6.39

‡ The barometric change is expressed in half-millibars.

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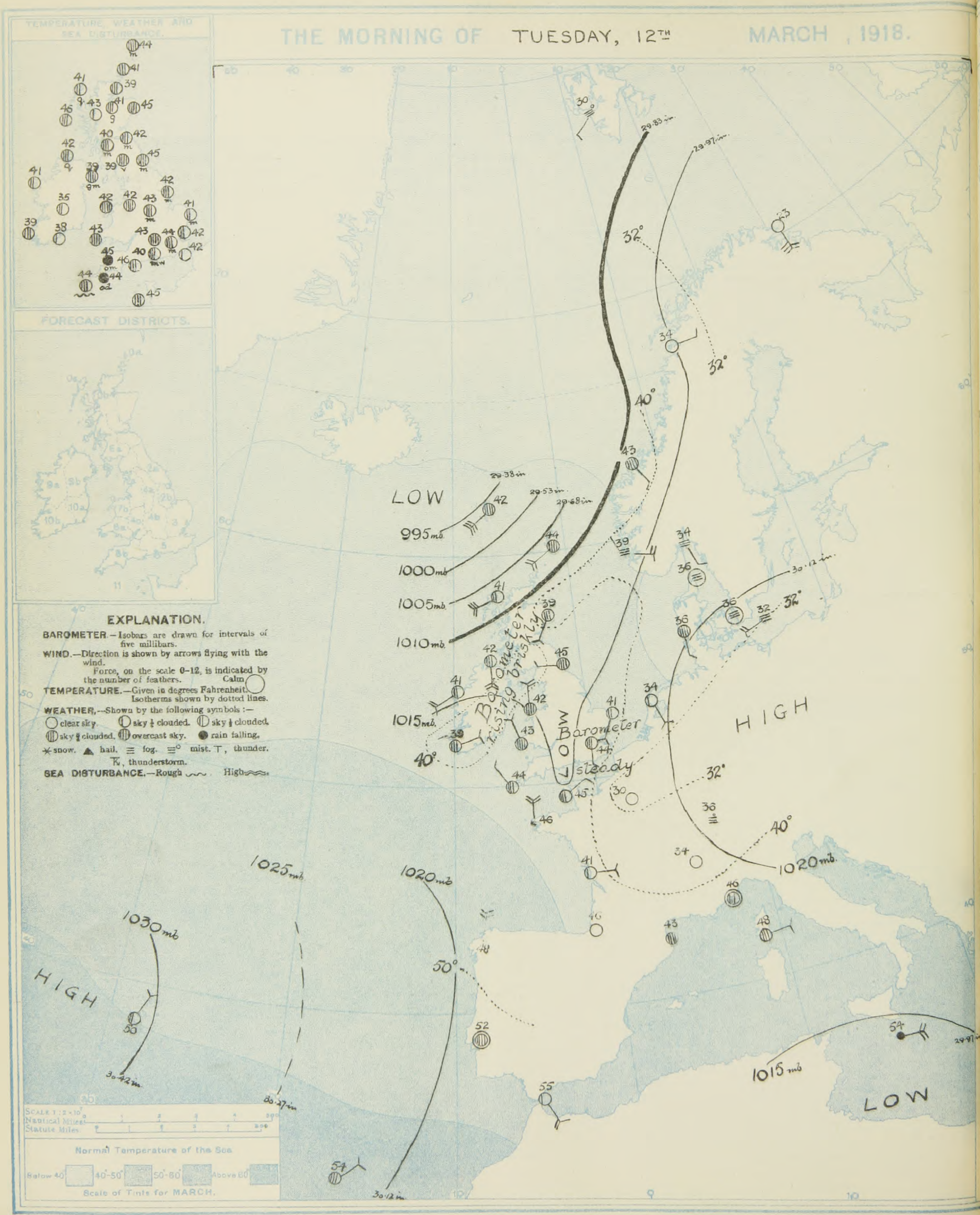
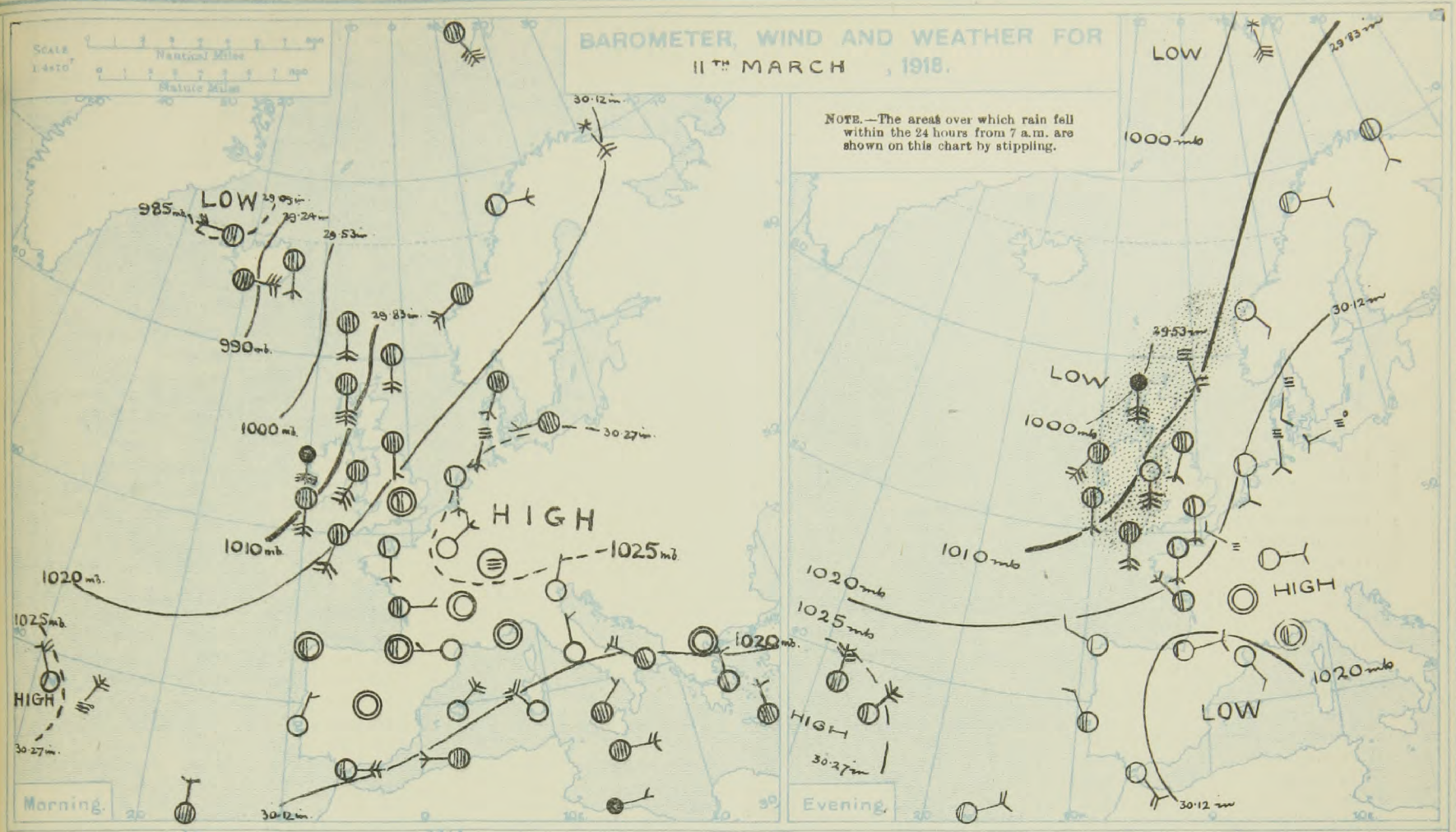
THE MORNING OF TUESDAY, 12TH MARCH, 1918.





The Present Situation

A depression lies in the Iceland region and is causing rather a steep gradient for SW. winds from the Faröe to the north Scottish coast. A feeble V-shaped secondary lies over Western England, but is causing little activity in the wind, so that almost the whole of the British Isles, with the North Sea and the neighbouring parts of the Continent, form a large area of light breezes, with a good deal of mist. Over the Eastern North Sea and the Baltic fog is still prevalent. The state of the sky is variable, cloudless in some parts, as in Holland, but more generally there is a good deal of cloud. An anticyclone, with the barometer up to 1030 mb, has been established over the lower part of the Atlantic, near the Azores.

The General Outlook

Several western stations report a ground swell from the west or south-west, which indicates the presence of another depression on the Atlantic. It is probable that this will affect our western districts shortly, and cause a continuance of the present mild spell of weather.

H. H.

R. G. K. LEMPFERT, C.B.E., Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 71 ... { TUESDAY, 12TH MARCH

	STATIONS.	Evening of 11th: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 12th: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 a.m. 12th: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 11th
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1005.9	44	SSE	3	f	1007.3	+3	44	+2	SW	4	-	om	3	1	46	42	c om.	f	f. om	*
	Deerness (Orkney)	1003.7	44	SSE	4	bc	1009.1	*	41	0	SW	4	SW	c	3	1	45	41	c	c bc m	bc c.	1.4
	Stornoway ...	1000.1	48	S	6	orq	1009.1	+7	41	-2	WSW	5	-	bcq	4	3	50	40	oq	orq	o bc pq.	0.0
	Castlebay (Barra Isd.)	1001.8	45	WSW	4	r	1011.1	+5	46	+1	WSW	4	SW	bc	4	1	48	44	o	or	r. o bc	0.0
	Glasgow ...	1008.2	48	S	4	cm	1013.8	+5	40	+2	SW	2	SW	cm	*	4	52	38	od bc c	o. cm	c or cm.	0.1
	Eskdalemuir ...	1011.0	45	SSW	5	odm	1014.3	+6	39	+3	W	1	-	or	*	4	46	38	orm of	om. odm	odm or	0.0
	Malin Head ...	1004.5	43	W	5	odm	1012.8	+4	42	-3	S	3	S	cg	4	3	53	38	cq	cq g	cg	0.4
	Blacksod Point	1003.8	44	SSW	5	ogmp	1014.7	+7	41	-6	SW	3	-	bc	4	7	49	40	omr	omr	bcp c p.	*
	Valencia (Cahirciveen)	1008.6	44	S	2	c	1016.8	+6	39	-12	ENE	2	-	c	4	10	52	37	od	or	c	0.0
	Roche's Point	1008.9	45	? SW	5	o	1015.1	*	38	-9	NW	2	-	b	3	2	48	37	om	r f m	od o b.	*
	Birr Castle ...	1008.3	42	W	2	r	1016.0	*	35	-14	S	1	S	bc	*	5	52	35	c od. o.	od. or	or x	0.0.
	Donaghadee ...	1006.9	46	SSW	5	ogmq	1013.6	+7	39	-6	W	2	-	ogm	2	1	?	38	ofp bc	bc g g.	ogmq p	*
	Liverpool (Bidston)	1014.4	52	S	2	c	1014.5	+4	42	-5	WNW	1	W	o	1	0.3	56	42	p. c. o.	c	o	0.0
	Holyhead ...	1011.3	47	S	6	ofe	1015.1	+4	42	-4	N	3	SW	o	1	8	47	42	oefpd.	oefpd.	opd c o.	,0.0
	Pembroke (St. Ann's)	1013.3	46	SSE	5	oqr	1015.2	+4	43	-3	NNW	2	-	o	4	4	47	43	o	o. oqr	oqpor	0.0
	Hartland Quay	1015.4	51	SSW	5	o	1015.4	+2	45	-2	NW	2	-	orm	3	4	53	45	o	o	oqomd	*
	Scilly (St. Mary's)	1014.5	49	S	4	om	1016.0	+1	44	-5	NW	1	NW	cd.	5	3	51	44	c o	om	omporr	0.0
	Falmouth ...	1016.0	49	SSW	4	o	1015.2	+4	44	-4	NNW	2	-	od.	*	2	52	43	oq. c.	o	o. odq	0.6
	Jersey (St. Aubin)	1019.3	48	S	2	b	1015.9	*	45	0	NE	1	-	c	2	-	51	42	o c. bc.	c b	bw c.	2.7
	Portland Bill ...	1018.6	41	SSW	2	c	1014.8	-1	46	+1	SSW	3	SW	c	3	-	47	41	bc. c.	bc. c	bc c	*
	Dungeness ...	1019.7	45	-	0	b	1016.8	0	42	+1	S	1	-	b	1	-	50	38	f. bq.	bq.	b	*
	Dover	*	*	*	*	*													*	*		
	Wick	1004.5	45	SSW	3	bcm	1010.2	+6	39	-2	SSW	2	-	c	3	-	48	39	cm	c. bcm	bcomq.	*
	Nairn	1002.8	51	SW	4	cqg	1010.5	*	41	-1	-	0	-	cg	1	1	55	39	c. bc	bc. cg g.	qfpg	? 0.7
	Aberdeen ...	1007.9	48	S	4	o	1011.9	+5	45	-4	W	2	-	o	2	1	48	41	omdp.	omd. c.	o bc. o	0.1
	Leith	1008.4	51	SW	1	c	1013.2	+3	42	+2	W	1	W	cm	1	1	53	40	cpgwc.	c bcwc.	cq cpc.	*
	Tynemouth ...	1012.8	53	SSW	2	cm	1013.0	+3	45	0	W	1	-	om	3	-	54	44	cm	cm	om	*
	Spurn Head ...	1017.3	48	SSW	3	c	1015.0	0	42	-1	SSE	2	-	cm	3	-	55	41	c	c	bc	1.4
	Yarmouth (Gorleston)	1018.7	45	SSW	3	bc	1016.2	0	41	+3	SSW	2	-	bcm	2	-	54	38	bm	bm bcm	bcm	6.1
	Clacton-on-Sea	1019.8	46	SSW	3	cq	1017.3	0	42	+2	SSW	1	S	bc	1	-	50	40	bcg.	bc. cg.	bg. bc.	9.0
	Nottingham ...	1016.1	53	SW	2	c	1015.1	*	43	-1	SSW	1	SW	cm	*	-	59	43	c.	c. o.	c. o.	0.4
	Benson (Oxon.) ...	1017.9	49	S	4	c	1015.2	+2	43	0	S	1	-	o	*	-	59	41	c	c	o	*
	Sth Farnborough	1018.9	49	S	3	o	1016.3	0	40	-1	-	0	SW	cmw	*	-	60	37	o. cq.	q. bc om	o. bcmw.	4.4
	Salisbury Plain	1018.0	45	S	4	o	1037.4	-1	42	+3	SSE	3	-	m	*	Trace	56	39	o. c.	c. oq.	om	*
	London (Kew Obsy.)	1019.0	51	S	2	bc	1016.6	+1	44	+10	S	1	-	cm	*	-	59	32	bcmx cm	c. bc.	bc b cm	6.8
NORTHERN EUROPE.	Spitsbergen ...	1002.3	34	S	6	s	1002.2	+1	30	0	SW	1	*	m	*	*	34	28				
	Vardö	1015.4	30	S	2	c	1018.4	0	23	-5	S	5	-	b	3	*	32	23				
	Bodö	1015.1	32	E	2	bc	1015.8	0	34	+2	E	1	-	b	1	-	34	28				
	Christiansund ...	1015.4	41	SE	1	b	1010.8	+1	43	+4	SSE	1	-	o	4	2	45	37				
	Skudesnaes ..	1015.4	37	SSE	4	o	1019.2	0	39	+3	ESE	3	-	f	4	-	39	36				
	Færder (X'ania Fjord)	1019.4	34	S	1	f	1018.0	0	34	0	SSE	1	-	f	1	-	34	32				
	The Scaw (Skagen)	1020.4	34	SSW	1	f	1018.0	+1	36	+2	-	0	-	f	0	1	36	34				
	Blaavands Huk	1021.8	34	S	2	f	1020.2	+1	36	+2	S	1	-	o	*	-	37	32				
	Copenhagen ...	1023.1	39	WNW	1	m	1020.6	0	36	0	-	0	-	f	*	-	43	34				
	Bornholm ...	1022.8	36	WSW	2	m	1620.4	0	32	-7	WSW	3	-	f	0	-	41	32				
FRANCE, &c.	The Helder ...	1021.8	41	S	2	b	1019.4	+2	34	-4	SSE	2	NE	b	1	-	50	36				
	C. Gris Nez ...	1020.8	50	SW	1	bc	1017.6	0	44	+3	S	2	*	b	1	+	57	43				
	La Hève	1021.0	55	-	0	b	1018.6	*	47		ESE	3	*	b	1	?	63	45				
	Brest (St. Mathieu)	1019.2	47	S	4	o	1015.4	+1	46	0	NNW	4	*	f	3	s	52	45				
	Rochefort (Ile d'Aix)	1020.6	50	NW	2	bc	1016.8	-1	41	0	E	2	*	b	*	-	63	41				
	Biarritz	1019.4	52	ENE	2	b	1016.2	0	46	0	-	0	*	b	2	-	59	45				
	Paris	1021.2	46	-	0	m	1019.6	+1	30	0	-	0	NE	b	*	-	61	28				
	Belfort	1022.3	48	E	2	b	1021.5	*	36	-1	-	0	*	m	*	-	57	32				
	Lyons	1020.6	50	-	0	b	1020.0	*	34	-3	-	0	*	b	*	-	61	34				
	Nice	1021.0	47	-	0	bc	1019.6	+1	46	-1	-	0	*	c	2	-	59	41				
	Perpignan ..	1019.8	52	SE	1	b	1018.6	+1	43	-3	-	0	-	b	*	-	63	32				
	Sanguinaire ...	1018.4	54	E	3	b	1017.6	*	48		E	2	*	c	2	-	66	46				
SOUTHERN STATIONS.	Corunna	1020.7	55	W	1	o	1019.2	+4	48	+3	N	4	-	r	3	9	57	45				
	Madrid														*							
	Lisbon	1021.1	61	NNW	1	c	1018.0	-1	52	+2	-	a	-	o	?	-	64	50				
	Azores (Horta) ...	1028.2	*	N	5	c	1030.0	0	50	-2	NNE	2	*	bc	2	-	61	50				
	Madeira	1022.8	61	NE	3	bc	1022.6	0	54	-1	NE	2	-	c	2	-	64	54				
	Gibraltar	1021.0	55	SE	3	b	1018.9	*	48	-3	E	3	*	b	3	-	60	47				
	Malta	*	*	*	*	*	1014.6	+1	54	-3	ESE	4	-	r	4	9	59	54				
	Limassol	*	*	*	*	*	1010.3	0	55	-6	-	0	-	c	0	5	66	45				
	Alexandria ...	1013.5	59	N	3	b	1014.3	+1	61	+2	NNW	4	-	bc	3	-	70	55				
	Cairo (Helwan) ...	1012.0	59	N	3	b	1014.0	+3	55	+6	-	0	-	b	*	Trace	66	50				

GALES.
Duration and Extreme Force in British Isles.

AURORA observed at:-
DEERNESS and LEITH

LONDON 12th MARCH 9h. G.M.T.	Humidity. 15 h. 11th	Humidity. 9 h. 12th	Sunshine for 11th	24 hours ended 9 h. 12th: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	59	75	7.7	62	43	35	-	c	bc b	bq. c.
CITY (Bunhill Row)	*	*	4.6	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	50	72	5.5	61	*	39	-	bc	bc	bc. c
CAMDEN SQ. (British Rainfall) ..	52	72	4.6	61	44	36	-	bc	b	*
S. KENSINGTON (Museum Grounds)	*	87	6.0	62	46	*	-	bc	bc	c. cq.

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 11th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
860	20.7	45.5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,565. WEDNESDAY, 13TH MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Sunshine measurements were very good over almost the whole of the country, ranging up to 10 hours along the south-east coast. Day temperatures again touched 60° at one or two places, but a sharp frost was experienced at Eskdalemuir in the night. Little rain fell. Aurora was observed in Scotland last evening.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 12TH MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 12TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	52	43	bc	bcf	6·8
	Montrose	-	-	53	43	bc	bc	2·8
	St. Andrews							
Eng. N.E.	Harrogate	1	1	51	43	or	o	0·0
	Skegness	-	-	59	41	bc	bc.o.	4·6
England, E.	Felixstowe	-	-	52	39	bcm	bcm	9·8
	Southend-on-Sea	-	-	60	41	bc.b.	bc.b.	8·4
England, S.E.	Margate	-	-	63	41	b	b	9·1
	Hastings	-	-	55	41	b	b	10·3
	Eastbourne	-	-	53	35	c	b	10·2
	Seaford	*	*	58	40	b	b	10·3
	Worthing	-	-	56	38	b	b	10·2
	Littlehampton	-	-	50	45	*	*	8·5
	Bournemouth	-	-	52	41	o.c.	bc	1·0
Scotland W.	Oban	5	0·3	50	42	bp	od.	6·8
Eng. N.W.	Morecambe	2	-	49	42	*	*	0·1
	Southport	1	-	46	42	ro.c.o.	o.c.o	0·6
Midlands	Malvern	0·4	4	46	43	d.m.	d.m.	0·0
	Ross-on-Wye	1	4	47	44	or	or	0·0
Wales	Rhyl	1	-	46	41	c	c	0·0
	Colwyn Bay	0·4	0·4	48	43	c	c	1·3
	Llandudno	*	*	51	42	c	c	2·0
	Aberystwyth	*	*	46	42	ro.c.	c.od.	0·7
England, S.W.	Weymouth	*	*					
	Torquay	4	2	48	46	od.	od.	0·0
	Paignton	*	*	49	45	r.o.	o.	0·0
	Penzance	5	-	52	44	o.c.	bc.b.	6·0
	Newquay	3	-	48	43	c	b	4·2
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 12TH MARCH

	STATIONS.	Evening of 11TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 12TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö	1018·3	32	W	2	o	1014·6	+2	23		NNW	3	o	-	*	14
	Yuriev															
	Petrograd	1017·6	25	SE	8	b	1013·5	+1	19		ESE	3	s	-	30	23
	Vijni Volotchok						1017·0	+3	16		SE	1	o	-	*	16
	Gorki							*							*	
	Moscow	1025·9	16	SE	2	b	1021·6	+3	12		SSE	3	o	-	*	9
	Kiev														*	
	Kharkov	1028·6	25	E	2	b	1027·0	0	19		SE	1	b	-	*	19
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1020·6	50	WNW	1	b	1020·6	*	45	0	NE	1	m	-	59	43
	Turin	1022·9	48	-	0	b	1021·0	*	43	+2	-	0	o	-	57	39
	Pesaro	1020·9	43	-	0	b	1020·1	*	43	+2	-	0	c	-	52	37
	Leghorn	1020·5	50	-	0	b	1018·7	*	52	+4	-	0	b	-	61	48
	Rome	1019·4	52	-	0	b	1018·9	*	43	−2	N	1	b	-	59	41
	Viesti	1019·3	50	NW	1	b	?	*	50	0	NW	1	b	-	55	46
	Brindisi	1017·5	54	NW	1	b	1017·8	*	50	−4	NW	1	b	-	54	50
	Cagliari	1017·7	63	SE	4	o	1017·9	*	54	0	NW	4	b	-	68	48
	Palermo	1018·3	50	-	0	o	1016·7	*	46	−2	-	0	o	-	63	45
	Tripoli	1015·9	52	N	1	o	1015·9	*	52		-	0	b	42	63	46
	Algiers	1019·0	55	NE	4	c	1017·1	0	52	+2	-	0	o	Trace	57	50
SWEDEN.	Hernösand						1019·1	*	19	+7	-	0	b	*	*	*
	Stockholm						1017·9	*	30	−4	WNW	2	b	*	*	*
	Wisby						1017·8	*	34	0	NNW	2	o	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F	Temp. Change in 24 hours. °F	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord	974·2	30	0	-	0	o
Reykjavik	977·1	36	+4	SW	5	o
Vestmanna	978·7	39	+2	W	5	c
Seydisfjord	976·7	39	+7	-	0	r
Thorshavn	995·8	42	+2	SW	6	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

13TH AND 14TH MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·16	12·3	5·50
	6·14	12·3	5·52
Greenwich	6·22	12·10	5·58
	6·19	12·10	5·59
Wick	6·38	12·22	6·5
	6·35	12·22	6·8
Valencia	7·3	12·51	6·39
	7·0	12·51	6·41

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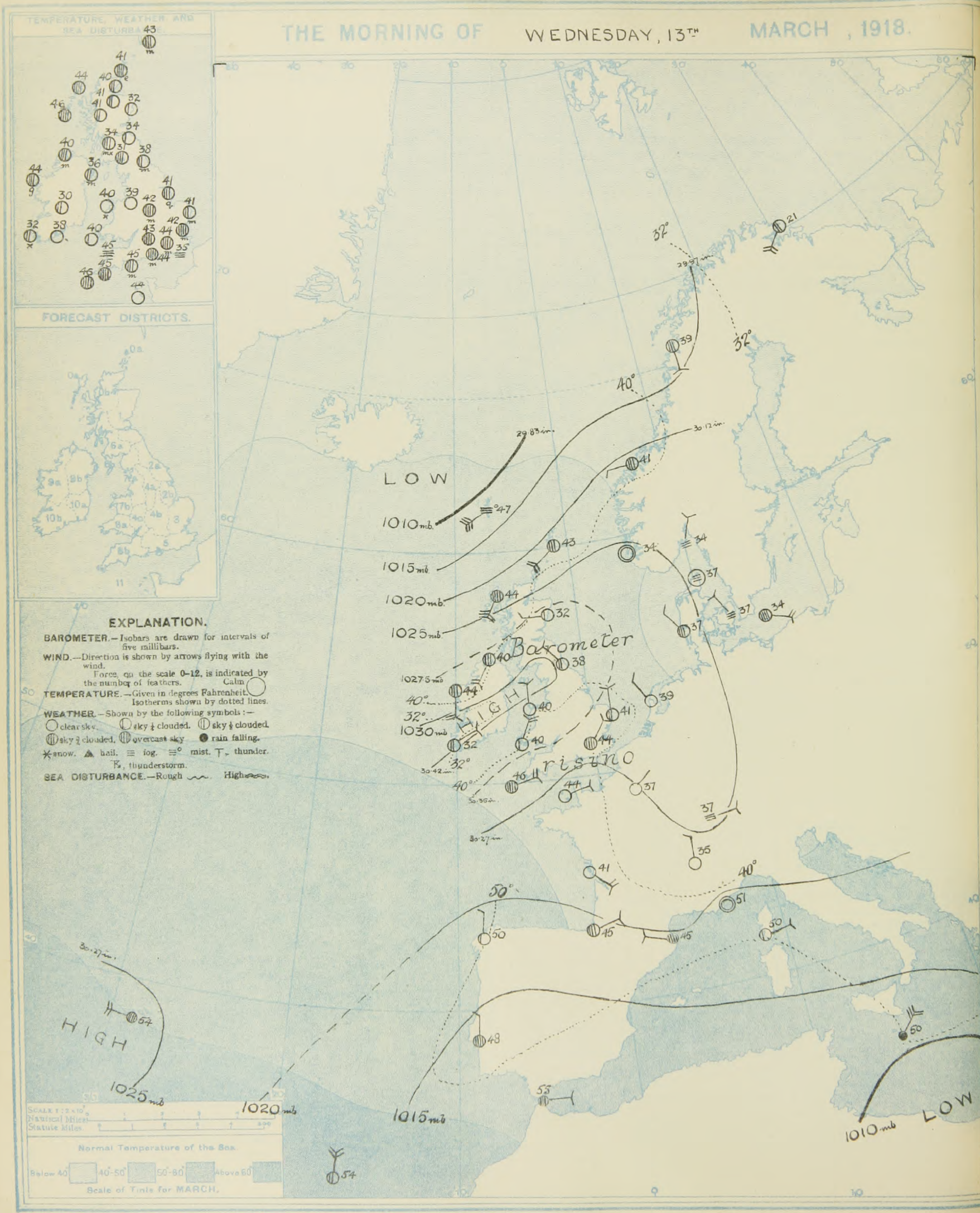
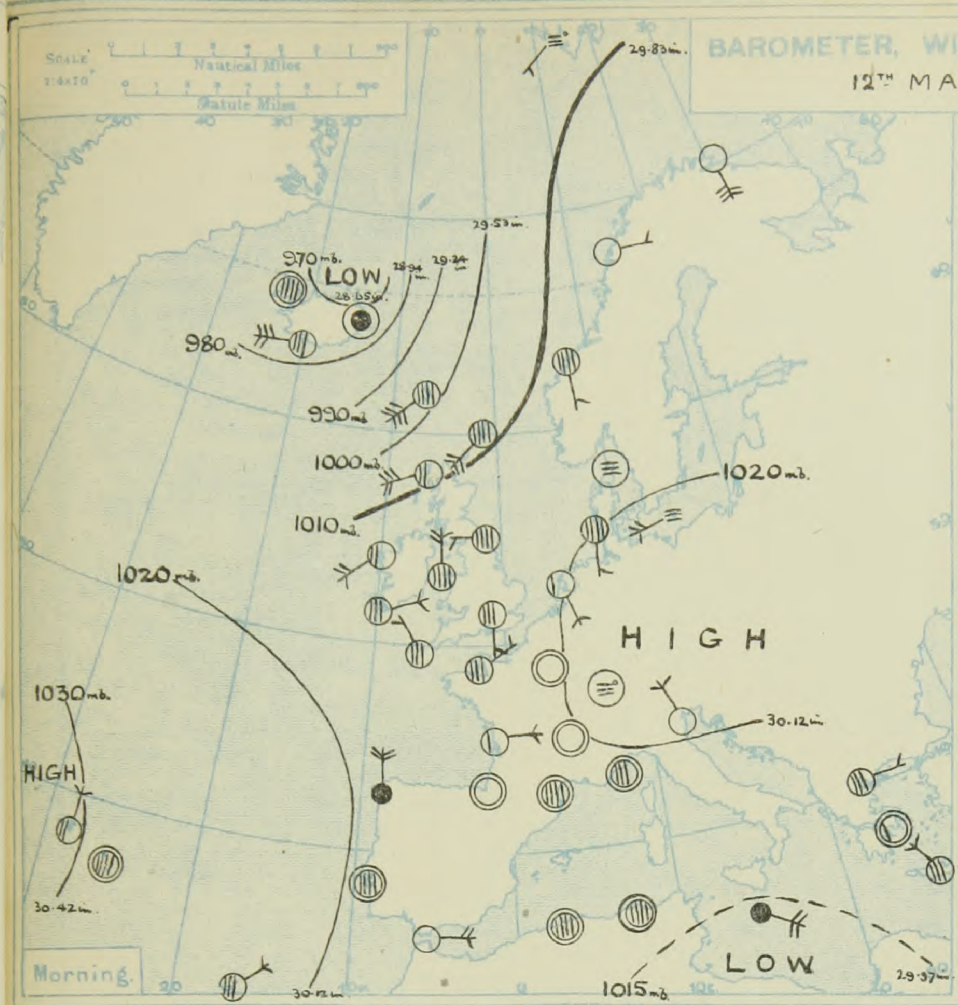
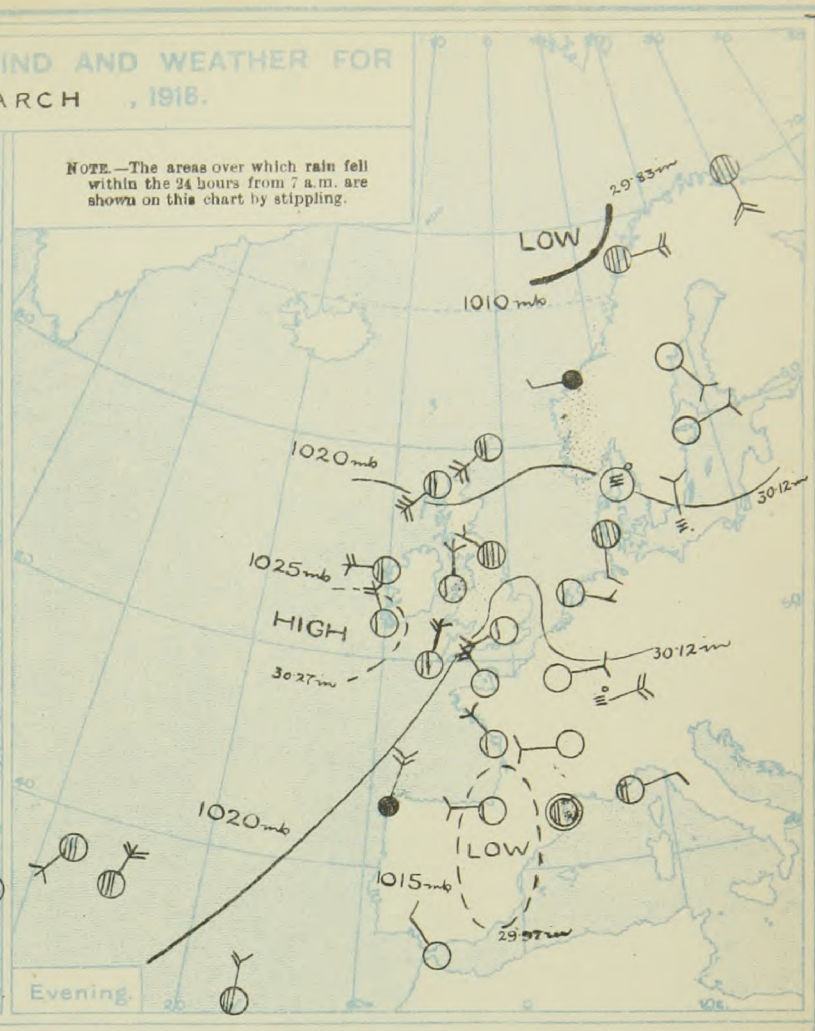
‡ The barometric change is expressed in half-millibars.

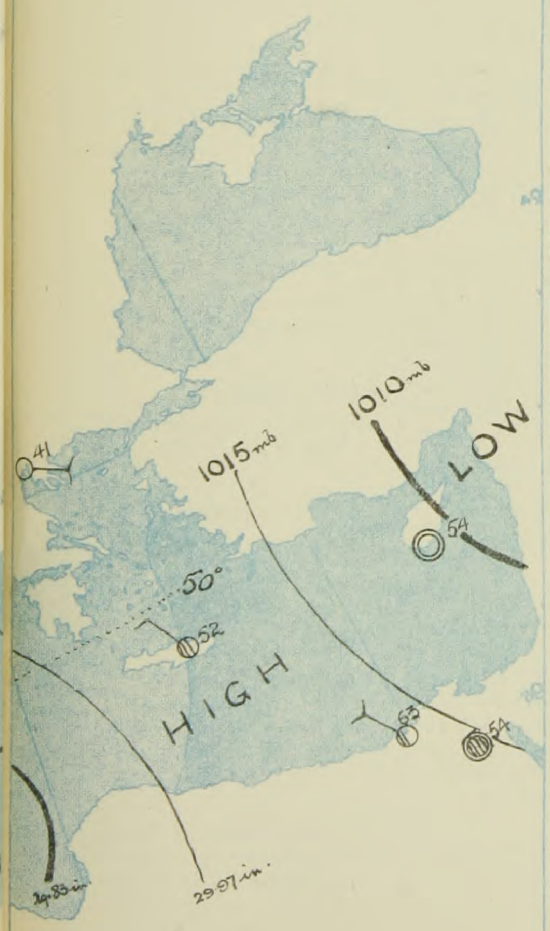
THE MORNING OF WEDNESDAY, 13TH MARCH, 1918.





NOTE.—The areas over which rain fell within the 24 hours from 7 a.m. are shown on this chart by stippling.





The Present Situation

An anticyclone now covers the British Isles and the North Sea, and extends over France and Germany. A shallow depression lies in the Iceland region, and there is relatively low pressure over the Mediterranean. Winds are generally light in Faroe, but a moderate or fresh wind from SW. is reported off the north of Scotland, and a moderate breeze from NE. at stations in the south of England. Mist and fog continue to be rather prevalent, and the state of the sky is variable, fine in some places, but for most part there is a good deal of cloud.

The General Outlook

The present indications point to a slow southward drift of the anticyclone. In the south of the country anticyclonic conditions are likely to be maintained for some days.

H. H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 73 ... WEDNESDAY, 13TH MARCH

	STATIONS.	Evening of 12th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 13th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 A.M. 13th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 13th. Hours.
BRITISH ISLANDS.	Lerwick ...	1016·8	44	SW	4	bc	1021·8	+1	43	−1	SW	4	SW	cm	4	-	48	41	bcm	bcm	bm oc	*
	Deerness (Orkney)	1018·3	43	WSW	3	b	1024·0	*	41	0	SW	4	-	oc	3	-	48	37	c.bc	bc.b	b.bc.c.o	7·8
	Stornoway ...	1018·7	44	SW	5	bc	1023·9	+2	44	+3	SSW	5	-	o	4	1	49	39	bc.pq	bc	bc.o.dp	7·7
	Castlebay (Barra Isd.)	1020·5	45	WSW	4	b	1026·0	+1	46	0	SW	4	-	o	4	0·3	47	43	bc	bc.b.	b.o.p.o.	8·8
	Glasgow ...	1021·9	45	W	2	bq	1029·5	+2	34	−6	SSE	1	N	cmx	*	-	49	32	c.bc.cq	c.bc.bq	bq.bmx	4·7
	Eskdalemuir ...	1022·5	38	NW	2	b	1031·1	+3	31	−8	-	0	N	cx	*	-	49	24	ov.o	oy.bcy	b.bx.cx	2·0
	Malin Head ...	1022·3	44	WNW	2	bc	1027·6	+1	40	−2	SSW	3	SW	cm	3	-	47	38	bc	bc	cm	8·0
	Blacksod Point	1024·2	45	W	3	bc	1028·5	+1	44	+3	S	3	-	cq	3	1	47	40	bc.p	bc	bc.cq	*
	Valencia (Cahirciveen)	1025·7	46	NNW	3	b	1030·0	+1	32	−7	NE	2	NE	bcx	3	-	49	32	c.b.bc	c.bc.b	b.bcx	9·0
	Roche's Point	1024·3	48	NNW	2	b	1029·7	*	38	0	NNW	2	-	b	2	Trace	51	37	b.bc	bc.b.	b	*
	Birr Castle ...	1023·7	48	NW	1	bc	1030·5	*	30	−5	W	1	NW	bc	*	-	52	30	bc	bc	bcx	7·7
	Donaghadee ...	1022·5	45	N	2	bcy	1029·3	+2	36	−3	WSW	2	-	bcm	1	-	52	35	og.bcy	bcy.	bcm	*
	Liverpool (Bidston)	1022·3	43	WNW	1	bc	1029·4	+2	39	−3	N	1	-	b	1	0·4	46	38	p.o.c.	or	bx	0·2
	Holyhead ...	1022·8	44	N	2	bq	1029·7	+2	40	−2	N	2	-	bx	0	Trace	49	36	o.c.	c.bc.b.	bx	4·9
	Pembroke (St. Ann's)	1022·4	44	N	3	b	1027·8	+2	40	−3	NNE	3	-	b	3	-	50	40	c.bc.	bc.b	b	4·4
	Hartland Quay	1021·4	47	N	4	o	1026·8	+1	45	0	NNE	3	-	s	3	2	47	44	omd.o.	o.bc.c.o	o.of.df	*
	Scilly (St. Mary's)	1022·0	47	NNE	3	bc	1025·8	+1	46	+2	ENE	3	NE	o	4	-	52	43	c	c.bc	b.bc.c.o	5·3
	Falmouth ...	1020·5	46	N	5	bq	1025·9	+1	45	+1	N	2	-	.o	*	1	51	42	od.oc.	c.bc.b	b.bc.c.o	4·0
	Jersey (St. Aubin)	1018·1	52	NW	3	b	1024·5	*	44	−1	ENE	2	-	b	1	-	58	43	cb	b	bw	7·0
	Portland Bill ...	1019·1	45	-	0	b	1025·1	+2	45	−1	NE	4	-	cm	3	-	48	43	c	c.bc	bcm	*
	Dungeness ...	1019·7	53	-	0	b	1024·4	+2	35	−7	NNW	4	-	s	3	-	52	35	b	b	b.bf	*
	Dover	*	*	*	*	*													*	*		
	Wick	1019·0	43	W	2	bcm	1025·2	+2	40	+1	SSW	3	-	bc	2	-	52	35	c.bcm	bcm	bcm	*
	Nairn	1019·5	44	W	2	bc	1025·5	*	41	0	W	1	-	bc	1	-	51	34	c.bc.	b.bcq	bc	7·7
	Aberdeen ...	1020·6	48	S	1	bc	1027·8	+2	32	−13	W	1	N	b	2	-	54	32	cm.b.	b.bc	bc.bx.	2·7
	Leith	1021·9	47	W	1	b	1028·5	+1	34	−8	NW	1	NW	b	1	-	51	33	cm.c.bc	b	b.by.b.	*
	Tynemouth ...	1020·8	45	WNW	1	om	1029·8	+3	38	−7	NW	2	-	bcm	2	-	49	36	om	om	bm	*
	Spurn Head ...	1020·5	42	N	3	om	1028·1	+2	41	−1	N	4	-	cq	3	Trace	52	41	bcm	c.om	omcq.	1·6
	Yarmouth (Gorleston)	1019·1	44	SSW	2	bc	1025·9	+3	41	0	N	2	-	bcm	2	-	47	37	bcm	bm.bcm	bm.bcm	8·2
	Clacton-on-Sea	1020·1	47	ESE	1	bcy	1026·2	+4	42	0	NNW	2	-	om	2	-	53	37	bcy	bcy	by.om.	9·7
	Nottingham ...	1021·1	48	NNW	2	om	1028·6	*	42	−1	N	3	N	om	*	0·3	50	41	om	omp	od.	0·0
	Benson (Oxon.) ...	1020·1	51	N	2	bc	1027·0	+4	43	0	NNE	2	-	o	*	-	59	43	c	bc	o	*
	Sth Farnborough	1020·0	49	SSW	1	b	1027·1	+3	44	+4	NNE	4	-	om	*	-	60	35	c.bcy.	y.bc.b.	b.om.	5·1
	Salisbury Plain	1020·3	46	NNW	3	c	1027·3	+4	43	+1	NE	4	-	m	*	-	53	42	o.	o.c.	om	*
	London (Kew Obsy.)	1019·7	55	WSW	1	bm	1027·5	+4	44	0	NE	2	-	om	*	-	60	43	cm.c.bc	bc.b.bm.	bm.bm.om	5·4
NORTHERN EUROPE.	Spitsbergen ...												*		*	*						
	Vardö	1018·7	27	S	4	o	1032·2	−4	21	−2	ESE	4	-	bc	3	*	27	21				
	Bodö	1010·2	37	E	4	o	1014·3	0	39	+5	S	2	-	c	2	?	39	30				
	Christiansund ...	1015·9	41	W	1	r	1020·4	+1	41	−2	W	1	-	c	4	4	46	39				
	Skudesnaes ..	1020·0	37	S	4	r	1025·8	+4	34	−5	-	0	-	b	0	4	39	?				
	Færder (X'iania Fjord)	1019·6	34	SE	1	s	1023·1	+3	34	0	NNE	2	-	s	1	-	34	32				
	The Scaw (Skagen)	1019·6	37	-	0	m	1022·2	+2	37	+1	-	0	-	s	0	-	39	34				
	Blaavands Huk	1022·0	37	SSW	1	o	1025·4	+1	37	+1	NW	1	-	c	*	-	41	34				
	Copenhagen ...	1021·5	43	NW	1	m	1024·3	+2	37	+1	NW	2	-	s	*	-	45	36				
	Bornholm ...	1020·6	37	NNE	2	s	1024·8	+3	34	+2	SE	3	-	o	0	2	37	32				
FRANCE, &c.	The Helder ...	1021·0	45	ESE	1	b	1025·4	+3	39	+5	NW	1	-	b	1	-	54	36				
	C. Gris Nez ...												*									
	La Hêve	1019·4	55	NE	3	b	1024·6	*	44	−3	N	2	*	b	1	-	63	43				
	Brest (St. Mathieu)	1021·6	46	N	4	o	1024·6	+1	43	−3	E	2	*	m	3	10	50	43				
	Rochefort (Ile d'Aix)	1015·9	51	NW	2	b	1021·5	+3	41	0	ESE	3	*	b	*	-	61	40				
	Biarritz	1014·4	52	W	2	b	1017·9	+1	45	−1	ENE	2	*	c	5	-	61	45				
	Paris	1019·1	52	E	1	b	1024·7	+3	37	−7	NE	2	-	b	*	-	63	30				
	Belfort	1019·1	48	E	4	m	1025·4	*	37	+1	E	2	*	m	*	-	55	33				
	Lyons	1017·6	49	W	2	b	?1023·0	*	35	+1	N	1	*	b	*	-	60	34				
	Nice	1017·9	46	E	1	bc	1019·9	+1	51	+5	-	0	*	b	2	-	55	41				
	Perpignan ..	1016·4	50	-	0	bc	1020·0	+1	45	+2	W	1	E	o	*	18	59	33				
	Sanguinaire ...	1016·4	53	E	2	bc	1017·2	*	50	+2	E	2	*	b	2	-	64	46				
SOUTHERN STATIONS.	Corunna	1019·2	48	NE	4	r	1018·3	+1	50	+2	N	1	NE	b	3	6	50	48				
	Madrid														*							
	Lisbon	1014·4	54	WSW	3	r	1013·0	0	48	−4	N	1	-	o	6	4	57	48				
	Azores (Horta) ...	1029·0	*	SSW	2	c	1025·8	−1	55	+5	W	4	*	o	2	-	63	54				
	Madeira	1017·6	63	N	3	c	1017·2	−1	54	0	N	4	-	bc	3	-	66	54				
	Gibraltar	1015·6	55	NW	1	b	1013·2	*	55	+7	E	2	*	c	3	-	63	47				
	Malta	*	*	*	*	*	1010·3	−1	50	−4	NE	5	-	r	5	55	55	50				
	Limassol	*	*	*	*	*	1010·6	0	54	−1	-	0	-	b	0	Trace	68	45				
	Alexandria ...	1014·8	59	N	3	b	1015·5	0	63	−2	NW	2	-	bc	1	-	70	56				
	Cairo (Helwan) ...	1014·3	61	N	3	b	1015·4	+2	54	−1	-	0	-	o	*	-	68	50				

GALES.
Duration and Extreme Force in British Isles.

SOLAR HALO
observed at:-
DEERNESS and ESKDALEMUIR

AURORA
observed at:-
ESKDALEMUIR, DONAGHADEE, and ABERDEEN

ZODIACAL LIGHT
observed at ESKDALEMUIR at 20·15 hrs. (12th)

LONDON, 13th March 9h. G.M.T.	Humidity. 15 h. 12th	Humidity. 9 h. 13th	Sunshine for 12th	24 hours ended 9 h. 13th: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	48	86	6·8	63	42	27	-	o.c.bc.	b	b.bc.o.
CITY (Bunhill Row)	*	*	4·3	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	?	72	5·6	62	*	35	-	bc	bc	bc.bm
CAMDEN SQ. (British Rainfall) ..	48	86	4·7	62	43	36	-	bc	b	*
S. KENSINGTON (Museum Grounds)	*	84	5·2	62	45	*	-	c.bc.b.	bc	b.o.c.

SOUTH KENSINGTON.
Vertical Component of Solar Radiation per square Centimetre during 12th:

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
800	19·1	46·5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 30566 .. THURSDAY, 14TH MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Though sunshine measurements were rather variable the day was generally bright, and over 9 hours of bright sunshine was measured at a good many widely scattered stations. Temperature rose to between 50° and 55° over large parts of the country. A night frost occurred in Scotland. Little or no rain fell.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 13TH MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 13TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	53	35	bc	c o	2.9
	Montrose	-	-	54	32	b	bc	6.9
	St. Andrews	-	-	53	31	b	b	7.7
Eng. N.E.	Harrogate	-	-	51	34	b	b	10.3
	Skegness	-	-	45	40	bc	o	4.8
England, E.	Felixstowe	-	-	50	36	bcm	bc.om	7.1
	Southend-on-Sea	-	-	53	38	oc.bc	bc.bc o.	2.2
England, S.E.	Margate	-	-	52	38	o.b.	b.of	3.9
	Hastings	-	-	56	39	o.bc.b.	b	6.4
	Eastbourne	0.1	-	54	37	o.bc.b.	b.	6.0
	Seaford	*	*	58	36	m.b.	b.	6.7
	Worthing	-	-	56	38	b	b	7.5
	Littlehampton							
	Bournemouth	-	-	56	43	o.od.	bg.	5.0
Scttd W.	Oban	-	-	47	38	bc.	o	0.0
Eng. N.W.	Morecambe	-	-	49	32	*	*	9.8
	Southport	-	-	53	32	b	b.bc.c.bc	9.0
Midlands.	Malvern							
	Ross-on-Wye	1	-	49	42	o	c	0.0
Wales.	Rhyl	-	-	46	41	c.bc	bc	8.9
	Colwyn Bay	-	-	46	35	bc	c	8.7
	Llandudno	*	*	48	30	b	b	8.5
	Aberystwyth	*	*	54	35	o.c.b.	b.bc	8.0
England, S.W.	Weymouth	*	*	57	43	b.c.	bm	4.9
	Torquay	0.1	-	53	43	om	o.c.b.	4.7
	Paignton	*	*					
	Penzance	0.2	-	52	45	c.bc.	bc.b.	0.1
	Newquay	0.2	-	53	44	mb.	o	2.3
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 13TH MARCH

	STATIONS.	Evening of 12TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 13TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	1024.8	0	-	0	b	1011.9	0	-4		-	0	f	-	*	-9
	Hangö														*	
	Yuriev															
	Petrograd	1022.7	23	E	4	b	1010.0	+5	7	-12	E	2	b	-	25	5
	Vijni Volotchok	1020.4	12	NE	2	b	1029.2	+6	-2	-18	NE	1	b	2	*	-2
	Gorki			*				*							*	
	Moscow	1017.1	19	NE	3	0	1023.4	+3	10	-2	NE	3	c	5	*	7
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice						1019.8	*	46	+1	SE	1	b	-	59	43
	Turin	1021.3	46	-	0	c	1022.1	*	41	-2	-	0	b	6	45	39
	Pesaro						1020.2	*	43	0	-	0	b	-	54	36
	Leghorn	1017.0	50	-	0	b	1018.2	*	50	-2	NE	1	b	?	59	46
	Rome	1017.4	52	-	0	bc	1017.9	*	45	+2	N	1	b	-	61	41
	Viesti	1019.8	50	S	1	b	1017.1	*	53	+3	NW	2	b	-	58	?
	Brindisi							*								
	Cagliari	1014.3	59	SE	4	c	1015.3	*	57	+3	NW	4	b	-	68	46
	Palermo	1014.9	50	-	0	0	1013.7	*	48	+2	-	0	c	3	61	46
	Tripoli	1013.3	54	SW	1	bc	1012.9	*	52	0	W	1	bc	-	63	48
	Algiers	1015.9	50	-	0	b	1016.7	+1	50	-2	-	0	b	1	55	46
SWEDEN.	Hernösand	1023.8	41	SE	2	b	1024.3	*	27	+8	S	2	0	*	*	*
	Stockholm	1022.7	37	ENE	2	b	1026.6	*	30	0	SE	2	0	*	*	*
	Wisby	1021.2	34	ENE	2	b	1026.7	*	32	-2	SE	2	0	*	*	*

Morning of 13TH

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	978.7	39	+9	S	3	r
Reykjavik	984.3	43	+7	SSW	6	r
Vestmanna	990.0	46	+7	S	6	0
Seydisfjord	990.0	50	+11	SW	3	c
Thorshavn	1011.1	47	+5	SW	6	m

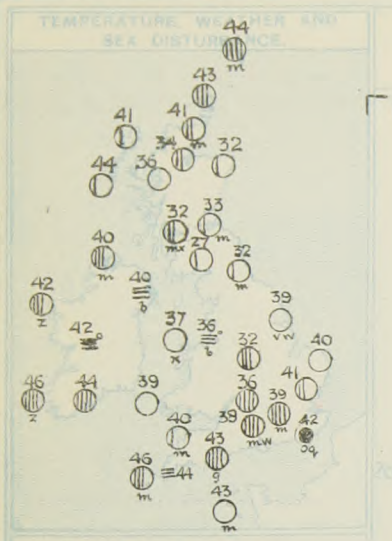
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

14TH AND 15TH MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.14	12.3	5.52
	6.11	12.2	5.54
Greenwich	6.19	12.10	5.59
	6.17	12.9	6.2
Wick	6.35	12.22	6.8
	6.32	12.21	6.11
Valencia	7.0	12.51	6.41
	6.58	12.50	6.43

Printed at the Meteorological Office, South Kensington, London, S.W.7.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

‡ The barometric change is expressed in half-millibars.

THE MORNING OF THURSDAY, 14TH MARCH, 1918.



EXPLANATION.

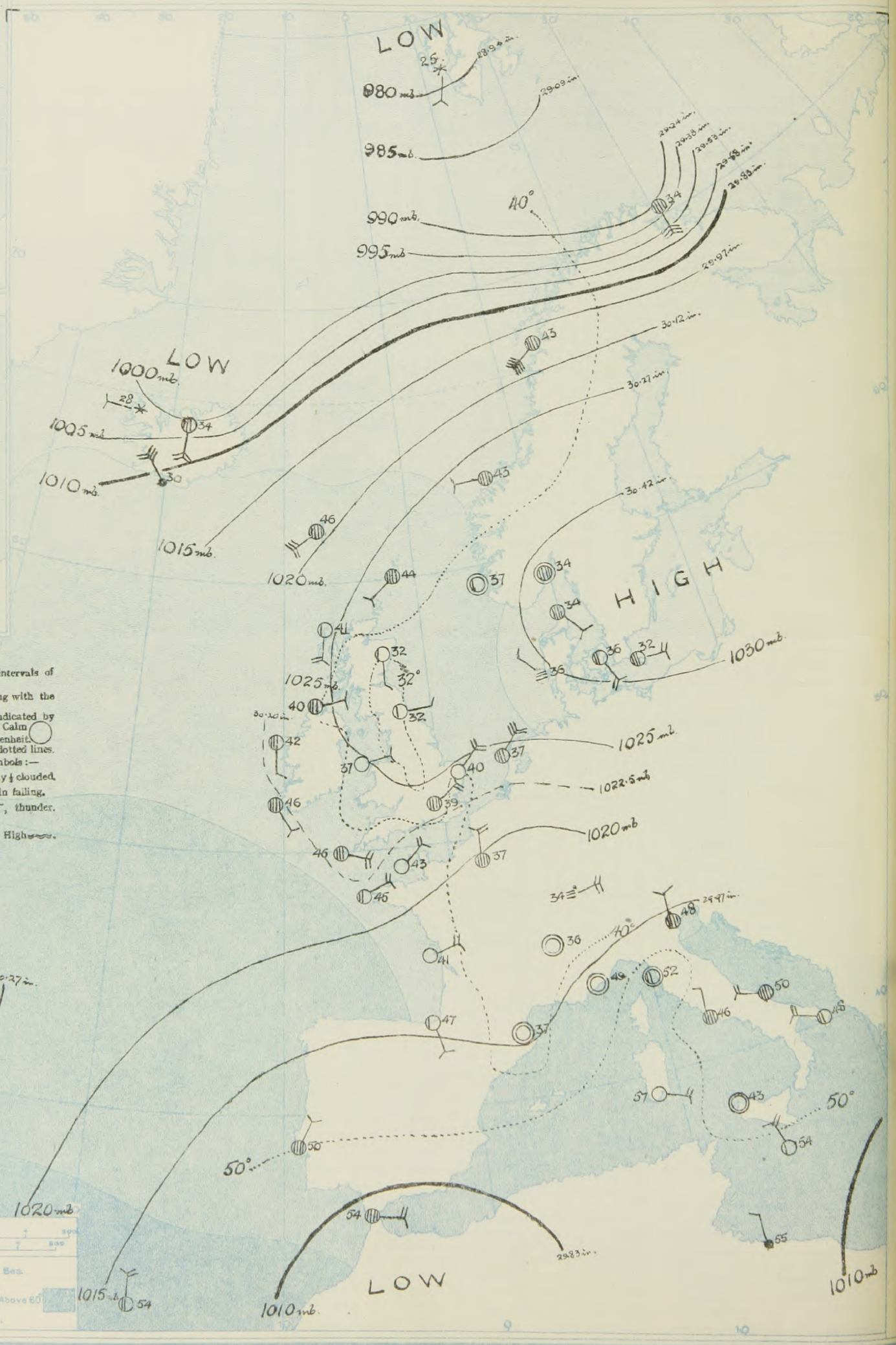
BAROMETER.—Isobars are drawn for intervals of five millibars.

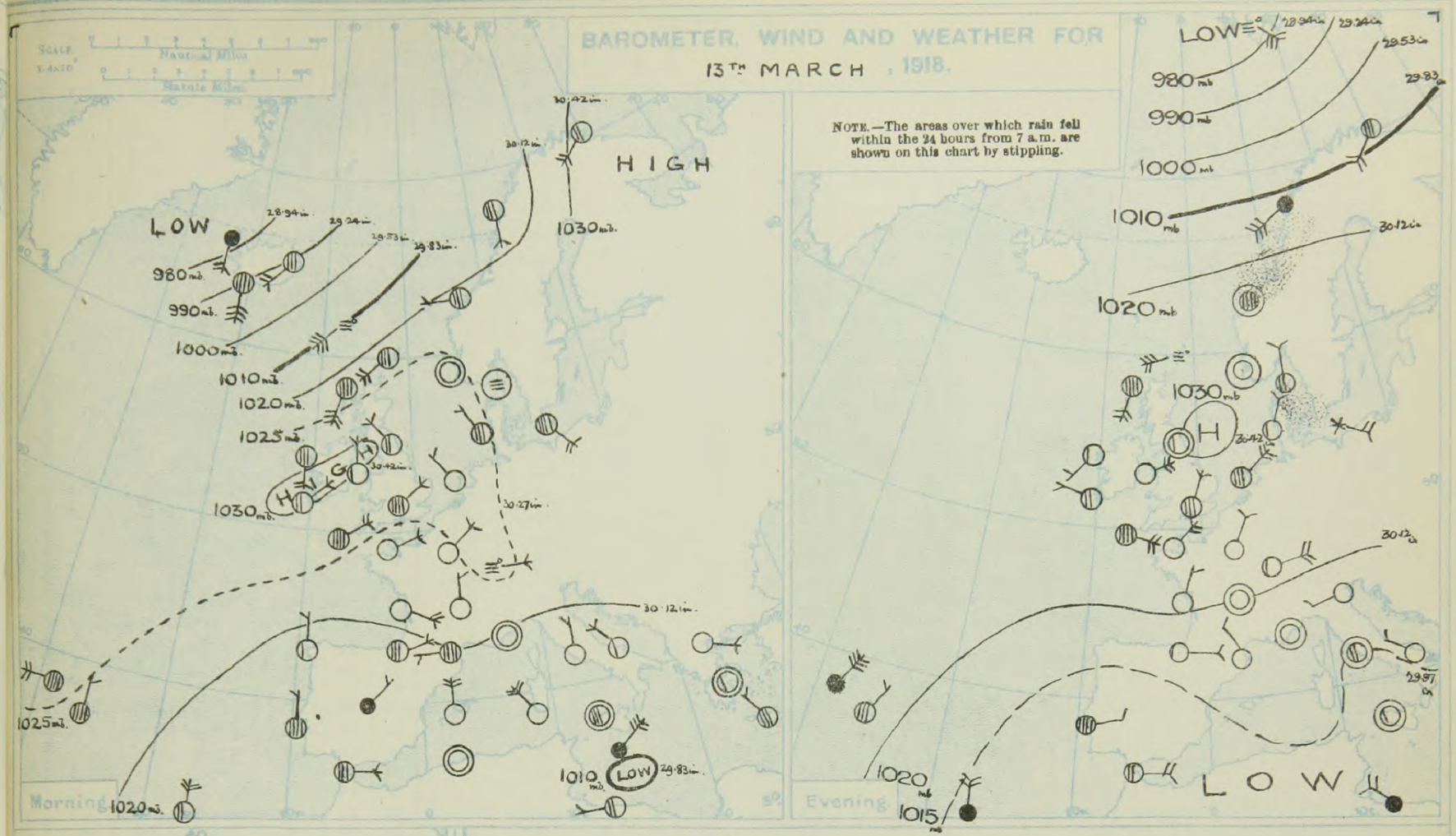
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm ◯

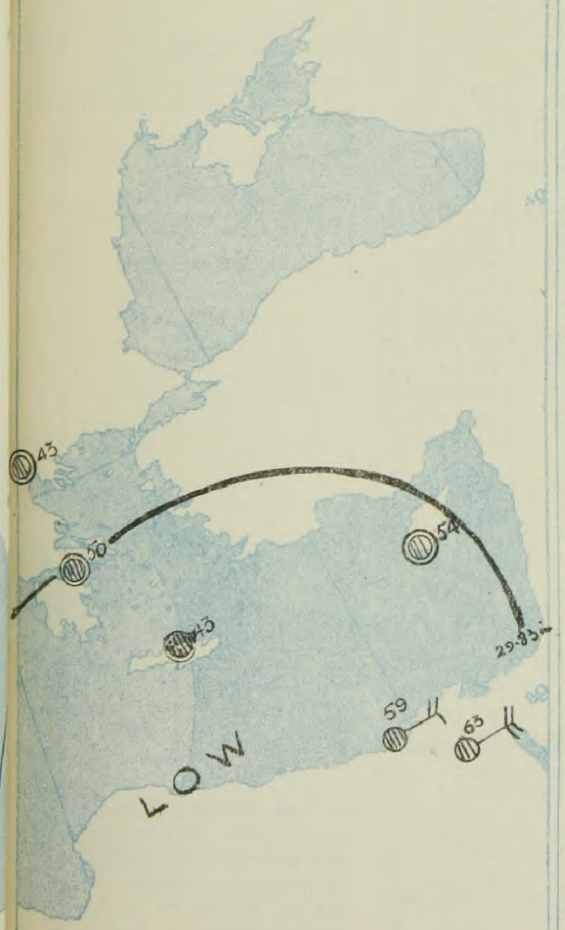
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—
◯ clear sky. ◐ sky ¼ clouded. ◑ sky ½ clouded. ◕ sky ¾ clouded. ● overcast sky. ⊛ rain falling. ✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder. ⊤⊥, thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ≈≈.







The Present Situation

An anticyclone which is centred over the Baltic and Southern Scandinavia spreads across the North Sea to Scotland. A deep depression is shown in the Spitzbergen region, and there is a very steep gradient for Westerly winds over Northern Norway. Pressure is still relatively low in the Mediterranean. Over the SE. of England and Holland a moderate NE. wind is blowing, with dull weather, and rain in the Straits of Dover, but over the rest of the British Isles and the North Sea the influence of the anticyclone is felt in very light breezes, generally fair weather, and local fog.

The General Outlook

There are at present no indications of any fresh disturbance which is likely to affect these Islands, so that fair quiet weather is likely to continue.

H. H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 73. 14TH MARCH.

	STATIONS.	Evening of 13th: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 14th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 a.m. 14th: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 13th
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1025.2	46	WSW	5	m	1026.8	0	44	+1	SW	2	-	om	2	-	46	42	f	f	f.om.	*
	Deerness (Orkney)	1026.7	46	SSW	3	om	1025.7	*	43	+2	SE	3	S	c	2	-	46	42	o.ed.	d.o.	o.c	0.0
	Stornoway ...	1026.3	47	SSW	4	o	1024.7	-2	41	-3	S	3	-	b	3	0.2	49	40	odlp	o	o.b.	0.0
	Castlebay (Barra Isd.)	1027.0	46	SSW	3	o	1024.5	?	44	-2	S	4	-	b	4	-	48	43	o	o	o.cb.	0.0
	Glasgow ...	1029.1	45	NW	1	cy	1027.0	-1	32	-2	E	1	-	bcmx	*	Trace	49	31	m.cm	c.bc.cy	c.bmx	2.2
	Eskdalemuir ...	1029.5	42	SW	1	bcvy	1028.1	-2	27	-4	-	0	-	bx	*	0.1	51	24	cx.bcy	bcvy	bcvy b	9.7
	Malin Head ...	1027.2	45	SE	3	cm	1023.8	-2	40	0	ENE	2	S	cm	2	-	50	36	bcm	bcm	om	0.2
	Blacksod Point	1026.7	46	SW	1	by	1023.0	-2	42	-2	S	1	-	cy	3	-	49	40	bc	by	by.bcy.	*
	Valencia (Cahirciveen)	1026.2	48	WNW	1	bc	1022.2	0	46	+14	SSE	2	-	oy	2	-	54	32	by	bc.c	bc.c.o.	9.4
	Roche's Point	1027.0	47	E	3	bc	1023.7	*	44	+6	ESE	2	-	o	2	0.4	51	37	b	b.bc	b.om	*
	Birr Castle ...	1027.2	49	E	1	c	1024.1	*	42	+12	SE	1	-	m	*	-	54	29	bc	bc.c.	cx.f.	9.3
	Donaghadee ...	1028.3	44	SSE	2	by	1025.7	0	40	+4	SSE	2	-	f	1	0.2	50	35	bcm	bcm	bmw.bf	*
	Liverpool (Bidston)	1028.4	46	E	1	f	1026.4	-2	36	-3	ESE	1	-	bm	1	-	48	35	bm	mf.	bm	6.4
	Holyhead ...	1028.0	45	ENE	4	bm	1024.5	-1	37	-3	E	2	-	bx	0	Trace	52	36	b	by.bm	bx	9.1
	Pembroke (St. Ann's)	1026.4	45	NE	2	c	1024.6	-2	39	-1	ENE	1	-	b	2	0.1	52	39	b.bc.c	b.ow.c.	bc.b.by	5.7
	Hartland Quay	1025.6	50	E	2	bc	1023.6	-1	40	-5	ESE	2	-	bm	2	Trace	51	40	of.om	om.oc	bmw	*
	Scilly (St. Mary's)	1024.6	47	ESE	4	om	1022.8	-1	46	0	ESE	4	-	cm	4	-	50	45	om	om	bm.bcm	0.6
	Falmouth ...	1025.2	47	ESE	2	by	1023.2	-2	44	-1	E	3	-	f	*	-	52	43	c.bc	cy.bc.b	bw.of	3.6
	Jersey (St. Aubin)	1023.9	51	NE	3	bm	1021.1	*	43	-1	NE	3	-	bm	2	-	59	42	bm	bm	bm	10.0
	Portland Bill ...	1025.7	46	E	2	bm	1022.7	-3	43	-2	NE	3	-	og	3	-	50	42	c.	bm.	c.o.	*
	Dungeness ...	1025.4	44	NE	3	b	1021.1	-3	42	+7	NE	4	-	rq	3	-	49	35	f.by	by	by.c.o.	*
	Dover	*	*	*	*	*													*	*		
	Wick	1027.3	49	SW	2	omg	1026.1	-1	41	+1	S	1	-	bom	1	-	50	39	bcom	omg	og.bom	*
	Nairn	1027.0	48	WSW	1	cgm	1025.6	*	34	-7	-	0	-	bc	0	-	53	32	bc.	bc.c	c.bcx	1.0
	Aberdeen ...	1028.6	46	SSW	1	by	1027.1	-1	32	0	S	1	S	b	2	-	53	32	by.b.	b.by.	bfrc.	5.0
	Leith	1027.8	46	W	1	b	1026.8	-1	33	-1	SW	1	SW	b	1	-	50	32	by.bc.b.	b	by.bmb	*
	Tynemouth ...	1030.0	43	-	0	bm	1029.7	-1	32	-6	E	1	-	bm	2	-	51	32	bm	bm	bm	*
	Spurn Head ...	1030.2	42	ENE	3	b	1027.4	-1	39	-2	NE	2	-	bow.	2	-	47	36	bq	b	bow.	7.3
	Yarmouth (Gorleston)	1027.1	41	NE	4	o	1024.1	-1	40	-1	NE	4	-	b	4	-	47	39	bcmf	om	bmb.	1.0
	Clacton-on-Sea	1026.8	47	NNE	2	bcm	1023.4	-2	41	-1	NNE	4	NE	bc	3	-	52	39	om.bcy.	bcmfm.	bc.o.bc	6.9
	Nottingham ...	1029.2	46	E	3	c	1026.4	*	32	-10	E	1	NE	c	*	-	53	29	o.c.	bc	o.cb.	4.3
	Benson (Oxon.) ...	1026.9	46	NE	2	o	1023.3	-2	36	-7	NNE	3	-	o	*	-	51	36	c	o	o	*
	Sth Farnborough	1026.6	48	NNE	3	o	1023.6	-3	38	-6	NNE	2	-	omw	*	-	54	37	dm.bcy	bcy.om	o.b.omc	5.8
	Salisbury Plain	1026.8	45	NE	3	b	1022.7	-3	38	-5	NE	4	-	o	*	-	52	36	o.c.	bc.	oc.	*
	London (Kew Obsy.)	1026.9	48	NNE	2	cm	1023.5	-2	39	-5	NE	3	-	om	*	-	52	39	om.o.b.	bc.by.cm	cm.om	3.0
NORTHERN EUROPE.	Spitsbergen ...	979.1	32	SE	5	m	977.5	+2	25	-9	SSW	2	*	s	*	*	34	23				
	Vardö	1008.2	30	SW	4	c	989.2	-3	34	+13	S	6	-	o	3	*	34	18				
	Bodö	1012.2	41	SW	6	r	1017.1	+1	43	+4	SW	8	-	o	5	?	43	37				
	Christiansund ...	1024.8	45	-	0	o	1027.2	+1	43	+2	W	2	-	o	4	1	46	41				
	Skudesnaes ..	1029.4	39	-	0	b	1028.8	-1	37	+3	-	0	-	b	1	-	45	34				
	Færder (X'tania Fjord)	1028.2	36	-	0	b	1031.6	+1	34	0	-	0	-	o	0	-	37	32				
	The Scaw (Skagen)	1025.8	37	N	2	bc	1030.2	+3	34	-3	SE	2	-	o	2	1	39	34				
	Blaavands Huk	1028.6	37	NNE	2	b	1028.3	+1	36	-1	NW	1	-	f	*	-	41	30				
	Copenhagen ...	1025.9	36	SSE	2	r	1031.0	+3	36	-1	SSE	3	-	bc	*	1	39	34				
	Bornholm ...	1026.6	32	ESE	3	s	1030.7	+2	32	-2	ESE	3	-	c	0	Trace	36	30				
FRANCE, &c.	The Helder ...	1025.8	41	NE	4	c	1024.3	-1	37	-2	NE	5	-	c	2	-	46	37				
	C. Gris Nez ...	1025.9	41	E	4	f	1020.8	? -3	41		NE	4	*	r	2	Trace	46	39				
	La Hêve	1024.6	48	NE	3	m	1020.8	*	40	-4	NE	2	*	f	2	-	59	37				
	Brest (St. Mathieu)	1022.8	57	NE	2	b	1020.3	-1	41	-2	ENE	4	*	bc	3	-	61	39				
	Rochefort (Ile d'Aix)	1020.7	52	NNE	1	b	1016.3	-1	41	0	ENE	3	*	b	*	-	64	39				
	Biarritz	1016.3	55	E	2	b	1015.1	-1	47	+2	SSE	2	*	b	3	-	59	45				
	Paris	1022.8	50	NE	2	b	1018.8	-2	37	0	N	3	-	o	*	-	63	36				
	Belfort	1021.5	50	ENE	4	b	1018.7	*	34	-3	E	4	*	m	*	-	56	33				
	Lyons	1019.6	50	-	0	b	1016.7	*	36	+1	-	0	*	b	*	-	59	34				
	Nice	1019.0	49	-	0	b	1012.2	-2	49	-2	-	0	*	b	2	-	59	41				
	Perpignan ..	1019.5	48	NW	1	b	1015.5	-3	37	-8	-	0	-	b	*	-	55	32				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna														*							
	Madrid																					
	Lisbon	1011.0	54	ENE	1	o	1010.7	0	50	+2	NNE	2	-	o	5	-	55	50				
	Azores (Horta) ...	1026.8	*	NNE	6	r	1027.8	0	50	-5	NNE	5	*	o	3	1	57	48				
	Madeira	1014.6	57	N	4	r	1014.2	0	54	0	N	4	-	bc	3	-	59	52				
	Gibraltar	1012.2	56	E	3	bc	1008.4	*	54	-1	E	3	*	o	5	3	58	53				
	Malta	*	*	*	*	*	1011.4	+2	54	+4	NNW	3	-	b	5	10	57	50				
	Limassol	*	*	*	*	*	1008.2	+1	54	0	-	0	-	c	0	-	64	43				
	Alexandria ...	1012.4	59	-	0	bc	1007.2	-3	59	-4	ESE	3	W	o	2	-	70	54				
	Cairo (Helwan) ...	1012.8	63	-	0	o	1007.1	+1	63	+9	E	4	-	c	*	Trace	70	54				

GALES.
Duration and Extreme Force in British Isles.

ZODIACAL LIGHT
observed at ESKDALEMUIR at 20 hr. (13th)

SOLAR HALO
observed at ESKDALEMUIR at 11 hr. (13th)

LONDON 14th MARCH 9h. G.M.T.

	Humidity. 15 h. 13th	Humidity. 9 h. 14th	Sunshine for 13th	24 hours ended 9 h. 14th: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	76	77	0.1	53	38	33	-	o.c.	c.ce.	m.
CITY (Bunhill Row)	*	*	0.7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	71	71		53	*	39	-	bc.o.	om	ombem
CAMDEN SQ. (British Rainfall) ..	72	67	1.8	55	38	35	-	bc	bc	*
S. KENSINGTON (Museum Grounds)	*	73	1.7	54	40	*	-	c.bcb.	b.bc.c	o.bc.

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 13th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
530	12.8	43.5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,567 ..FRIDAY, 15TH MARCH..1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4)

Fairly good sunshine records were obtained in many parts, ranging up to 8 hours or over. Temperature reached 50° in most regions, but scarcely exceeded this reading. Little or no rain fell over most of the country, but there were slight falls in the south-east of England during last evening.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h..14TH MARCH.....

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 14TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	54	34	b.bc.	bc.c.o	6·9
	Montrose	-	-	54	32	o	o.	1·0
	St. Andrews...							
Eng. N.E.	Harrogate	-	-	47	30	bc.b.	bc.b	5·1
	Skegness	-	-	45	32	bc	o	2·1
England, E.	Felixstowe	-	-	43	37	bc.c.	om	3·8
	Southend-on-Sea	-	-	46	38	b.bc.c.	c.oy.	2·6
England, S.E.	Margate	-	-	41	38	o	o	0·0
	Hastings	1	1	44	38	or.o.	or.	0·0
	Eastbourne	1	3	44	38	og.	orw	0·0
	Seaford	*	*	51	39	r	r.o.	0·0
	Worthing	-	3	49	40	o.bc.	r	0·9
	Littlehampton							
	Bournemouth	-	-	50	37	o	o.bcy.	1·8
Scotland W.	Oban	-	-	51	34	b	bc	5·6
Eng. N.W.	Morecambe	-	-	48	33	*	*	4·0
	Southport	-	-	49	31	bc.bcoc	c.bc.b.	2·4
Midlands.	Malvern...	-	-	49	36	o.c.	bc.b	8·0
	Ross-on-Wye	-	-	50	37	c.bc.	bc	3·8
Wales.	Rhyl	-	-	50	35	c.bc.	bc.cg.	2·5
	Colwyn Bay...	-	-	49	35	bc	c.	3·2
	Llandudno	*	*	50	37	bc.	o.	3·4
	Aberystwyth	*	*	49	39	oc.c.	c.o.o.	0·7
England, S.W.	Weymouth	*	*	51	41	m.o.c.	c.bcm	0·3
	Torquay	-	-	48	42	o	o.c.bc.	0·3
	Paignton	*	*	49	40	o	bc	0·4
	Penzance	-	0·2	50	43	o.c.	o.c.	1·2
	Newquay	-	-	46	40	o	c.o.c.	0·0
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 14TH MARCH.....

	STATIONS.	Evening of 13TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 14TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel ...														*	
	Hangö	1031·3	18	-	0	0	1030·9	0	30		-	0	0	-	*	12
	Yuriev															
	Petrograd ...	1031·4	?	SW	2	b	1029·5	+3	18	+11	WSW	3	0	-	25	5
	Vijni Volotchok	1034·3	?	-	0	5	1034·4	+1	-2	0	W	3	b	-	*	11
	Gorki							*							*	
	Moscow	1034·0	9	NW	2	b	1035·8	+1	-4	-14	WNW	2	b	-	*	-4
	Kiev														*	
	Kharkov ...														*	
	Kishinev ...														*	
	Elisabetgrad ...														*	
	Nicolaiev ...							*							*	
	Odessa														*	
	Tarkhankout ...							*							*	
	Soukhoum ...														*	
MEDITERRANEAN.	Venice	1014·9	54	WSW	1	b	1014·9	*	48	+2	N	2	0	-	59	45
	Turin	1015·8	48	-	0	b	1013·1	*	39	-2	-	0	b	-	63	36
	Pesaro							*								
	Leghorn ...	1016·2	54	-	0	b	1012·7	*	52	+2	-	0	bc	-	63	48
	Rome	1014·9	52	-	0	b	1012·7	*	46	+1	N	1	0	-	61	43
	Viesti	1015·1	50	NW	2	b	1011·1	*	50	-3	NW	3	0	-	55	48
	Brindisi	1013·3	56	SW	2	b	1009·1	*	48		NW	3	bc	-	52	48
	Cagliari	1015·7	?	SW	3	?	1013·5	*	57	0	ESE	3	b	1	68	48
	Palermo	1013·7	50	-	0	b	1012·6	*	43	-5	-	0	b	-	61	41
	Tripoli	1013·3	55	?	3	r	1014·7	*	55	+3	N	1	r	6	?	50
	Algiers															
SWEDEN.	Hernösand ...	1028·6	28	S	2	c	1024·8	*	39	+12	S	2	r	*	*	*
	Stockholm ...	1029·4	32	S	2	0	1031·1	*	32	+2	SSW	2	0	*	*	*
	Wisby	1030·2	34	S	2	0	1033·2	*	30	-2	WSW	2	0	*	*	*

Morning of 14TH

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord ...	1000·2	28	-11	W	2	S
Reykjavik	1007·8	32	-11	SW	6	c
Vestmanna	1011·4	30	-15	NW	5	r
Seydisfjord	1010·6	36	-14	-	0	c
Thorshavn	1018·9	48	-1	SW	5	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

15TH AND 16TH MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6·11	12·2	5·54
	6·8	12·2	5·56
Greenwich	6·17	12·9	6·2
	6·14	12·9	6·4
Wick	6·32	12·21	6·11
	6·29	12·21	6·14
Valencia	6·58	12·50	6·43
	6·55	12·50	6·45

‡ The barometric change is expressed in half-millibars.

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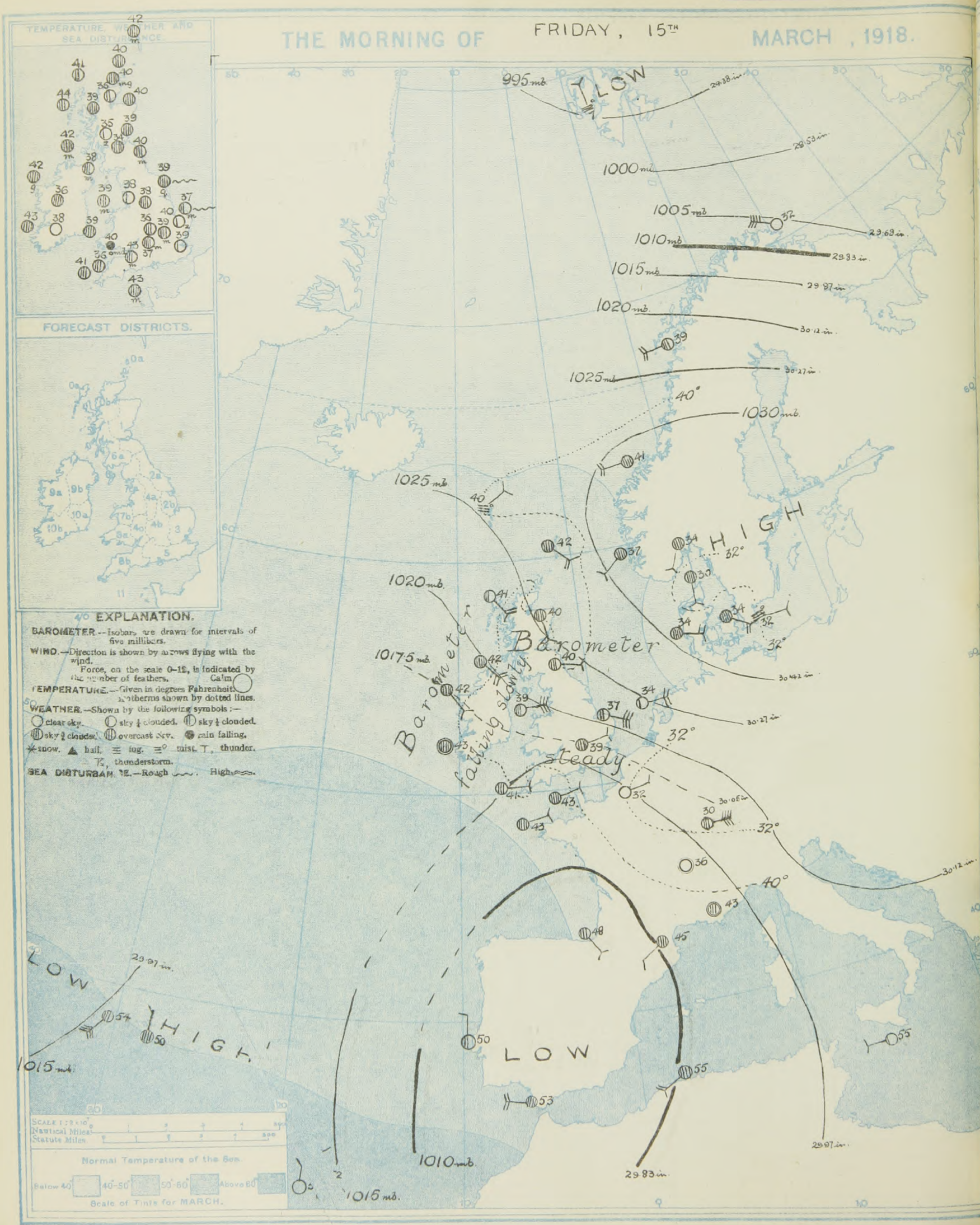
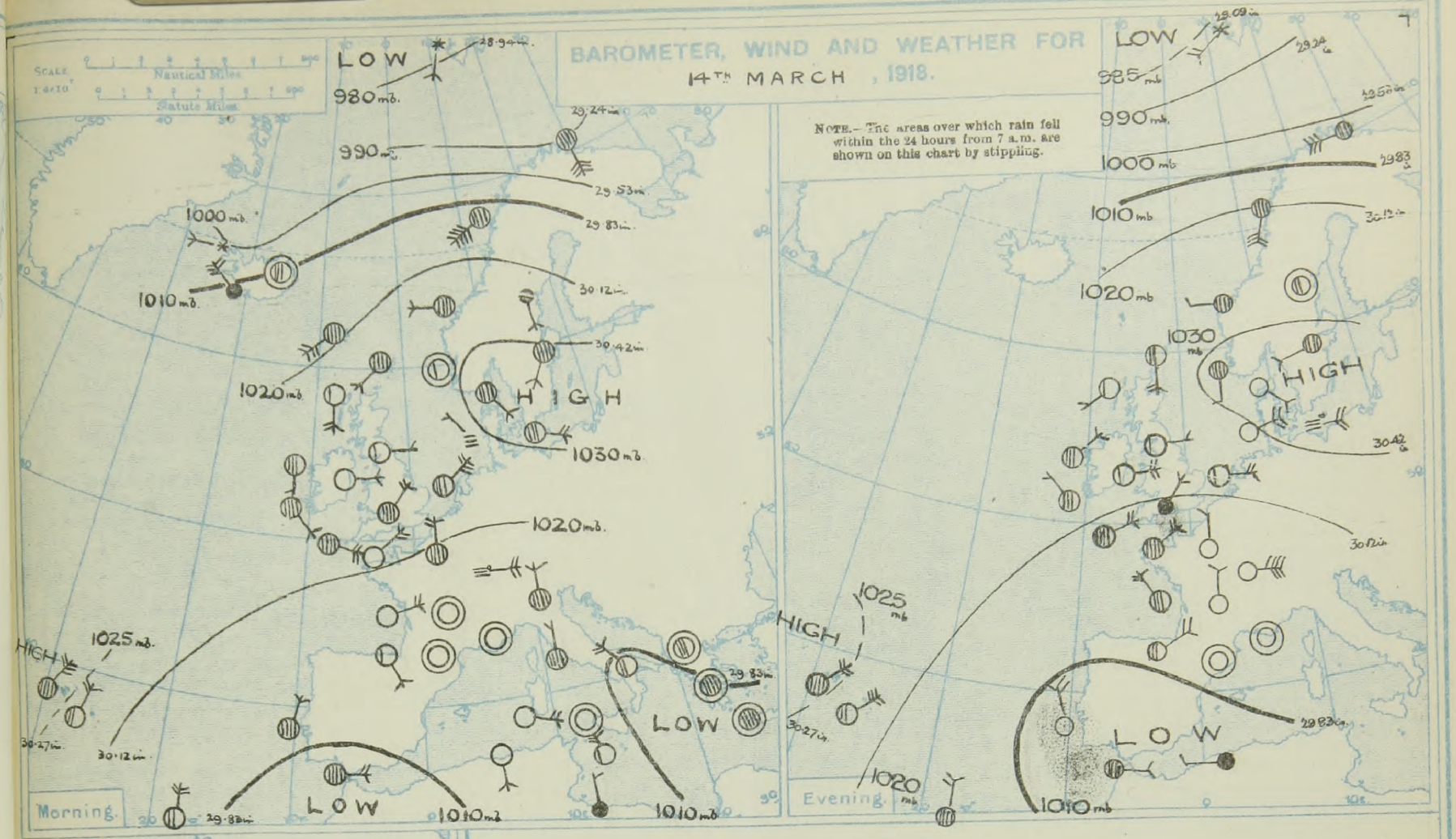
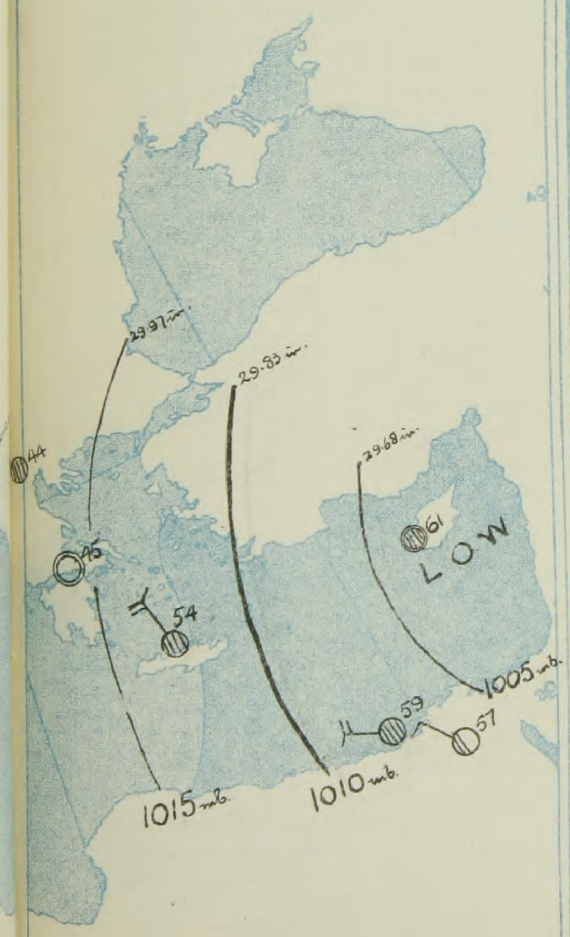
THE MORNING OF FRIDAY, 15TH MARCH, 1918.







The Present Situation

An anticyclone still lies over Southern Scandinavia. Pressure has fallen over the Bay area, so that a definite gradient for SE. winds exists over most of the British Isles and the North Sea. Over the Southern part of the North Sea and England SE. a moderate E. or SE. wind is blowing, fresh on the East coast. In the more northern and western parts of the British Isles and the Northern North Sea winds are lighter, mainly from E. or SE. The state of the sky is variable, almost cloudless in Holland and some parts of the British Isles, but generally there is a good deal of low cloud both in this country and in Scandinavia. Fog is less prevalent than of late, though a good deal of mist is still reported. A new depression appears to be approaching the Azores from the westward.

The General Outlook

The indications are rather uncertain, but it is probable that the Easterly type will be maintained for the present.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 74. FRIDAY, (15TH MARCH.

	STATIONS.	Evening of 14TH: Barom. Millibars at M.S.L.	Temp	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 15TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 A.M. 15TH: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Afternoon.	Night.	Sunshine for 14TH
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1026.0	40	S	3	bcm	1028.1	0	42	−2	SE	3	-	om	3	-	40	42	om	bcm	om	*
	Deerness (Orkney)	1025.4	43	SE	2	om	1025.7	*	40	−3	ESE	4	-	om	3	-	46	39	c.bc.b	b.bc.com	om	7.3
	Stornoway ...	1024.5	47	SW	1	by	1022.9	−1	41	0	SE	3	-	bc	3	-	51	40	b	by	o.bc	5.4
	Castlebay (Barra Isd.)	1023.9	45	E	2	cf	1021.1	0	44	0	SE	2	-	c	3	-	48	43	b.cf.	o.cf	c.of.c.	5.9
	Glasgow ...	1023.9	46	E	2	ogm	1023.6	−1	35	+3	ENE	3	-	by	*	-	50	31	by	bc.c.om	o.b.by.	4.2
	Eskdalemuir ...	1023.8	42	NE	1	cy	1023.8	0	34	0	NE	3	-	o	*	Trace	49	26	bc.by.o	oy.cy.	cy.by.b	3.9
	Malin Head ...	1023.0	46	ENE	1	om	1019.7	−1	42	+2	SE	4	-	om	4	-	50	29	bcm	cm	om	2.0
	Blacksod Point	1021.7	45	NE	2	cy	1017.5	−3	42	0	SE	2	-	oy	3	-	50	40	bc	bc	oy.oy.	*
	Valencia (Cahirciveen)	1020.4	49	NW	1	c	1016.0	−2	43	−3	-	0	-	o	4	2	52	42	o.cy.	c.b.bcy.	c.or.oy.	4.7
	Roche's Point	1021.3	46	E	1	om	1016.7	*	38	−6	ENE	3	-	b	2	1	50	37	om	om	od.b.	*
	Birr Castle ...	1021.5	46	S	1	o	1017.6	*	36	−6	NE	1	-	o	*	0.1	51	36	bc	bc.o.	o.c.	5.0
	Donaghadee ...	1022.7	43	SE	2	bf	1020.5	−1	38	−2	ESE	4	SE	m	3	Trace	50	37	bf	bc	bc.fw	*
	Liverpool (Bidston)	1022.0	45	E	2	b	1019.3	−2	38	+2	E	3	-	b	3	-	48	36	bc.om	bm	c.bc	1.0
	Holyhead ...	1021.7	44	E	4	bm	1017.1	−1	39	+2	E	6	SE	cm	4	-	49	36	b.o.bcc.	o.c.bc.b.	bo.cm	3.1
	Pembroke (St. Ann's)	1020.4	44	NNE	3	c	1016.4	−2	39	0	E	2	-	o	2	0.1	49	39	b.bc.c.	c	b.bc.op	3.4
	Hartland Quay	1018.7	45	NNE	3	c	1015.4	−2	40	0	ENE	2	-	omd.	2	-	46	37	bm.om	om.cm	bo.om	*
	Scilly (St. Mary's)	1018.5	45	ENE	3	o	1016.0	−1	41	−5	E	2	E	c	4	0.1	50	39	cm.om	om	c.bcm.bc.	1.9
	Falmouth ...	1018.4	46	ENE	2	cy	1014.6	−1	36	−8	N	1	-	c	*	-	49	35	of.c.o.	oy	b.bc.	0.3
	Jersey (St. Aubin)	1016.6	44	NE	3	o	1012.8	*	43	0	ENE	2	-	om	2	-	46	42	b.om	om	om	0.0
	Portland Bill ...	1018.0	44	NE	3	bc	1014.3	−1	43	0	ENE	4	-	cm	3	-	47	40	o.c.	c.bc	om	*
	Dungeness ...	1017.6	41	NE	5	oq	1016.4	0	39	−3	ENE	3	-	b	4	0.4	44	39	cq.p.	cq.o.	oq.c.b.	*
	Dover	*	*	*	*	*																
	Wick	1025.3	43	-	0	cm	1025.6	0	40	−1	SSE	3	-	omg	3	-	46	39	bcm	bcm	c.omg	*
	Nairn	1024.1	45	-	0	cgm	1023.4	*	36	+2	SSE	1	-	bc	1	-	50	33	bcm	bc.om	cm.bco	7.0
	Aberdeen ...	1025.6	42	SSE	3	bc	1026.0	0	40	+8	SE	2	-	o	2	-	52	32	by.bc.	bcm.bc	bc.c.o	2.8
	Leith	1022.9	41	NE	2	c	1024.1	0	39	+6	E	2	-	o	2	-	46	33	bm.bc.b	bcy.bc	c.o.g.o	*
	Tynemouth ...	1024.6	41	E	1	bm	1023.8	0	40	+8	ESE	2	-	cm	3	-	44	32	bm	bm	bm	*
	Spurn Head ...	1023.7	38	ESE	3	o	1021.3	−1	39	0	SE	5	-	oq	5	-	46	37	bcv	bcv.o	b.oq.	8.0
	Yarmouth (Gorleston)	1020.2	39	E	5	o	1019.4	0	37	−3	SE	6	-	bcm	5	-	44	37	b.oq	om	om.bm	3.3
	Clacton-on-Sea	1019.8	40	NE	4	ogm	1018.6	0	40	−1	ESE	3	SE	by	2	-	44	39	bc.c.og	ogm	ogm.by	3.2
	Nottingham ...	1022.2	41	ENE	3	b	1020.0	*	38	+6	E	4	E	o	*	-	49	32	c.bc.	bc.b.	bc.c.o	5.1
	Benson (Oxon.) ...	1018.8	46	NE	3	o	1016.7	0	36	0	NE	4	-	c	*	1	51	35	b	b	od.bc	*
	Sth Farnborough	1019.1	41	NE	2	omr	1017.1	−1	37	−1	ENE	3	-	o	*	1	51	36	om.bcy	bc.om	or.om	5.6
	Salisbury Plain						1016.4	−1	37	−1	ENE	3	-	o	*	Trace	51	37			om	*
	London (Kew Obsy.)	1019.4	43	ENE	3	odm	1017.1	0	39	0	ENE	2	-	om	*	1	50	38	om.omb	bom.odm	omb.orom.	4.8
NORTHERN EUROPE.	Spitsbergen ...	986.8	14	SW	3	s	991.2	+1	7	−18	N	2	*	m	*	*	25	5				
	Vardö	1000.2	39	W	6	o	1005.0	−1	32	−2	NW	7	-	b	4	*	39	25				
	Bodö	1020.4	43	SSW	5	o	1022.8	+3	39	−4	W	4	-	c	2	?	43	37				
	Christiansund ...	1028.2	43	W	1	o	1032.3	+3	41	−2	W	4	-	o	4	-	46	39				
	Skudesnaes ..	1031.1	37	S	1	o	1031.8	0	37	0	SW	2	-	o	3	-	37	34				
	Færder (X'iania Fjord)	1033.5	34	SSW	2	o	1034.0	+1	34	0	SSW	2	-	o	1	-	36	34				
	The Scaw (Skagen)	1031.9	34	SE	2	b	1033.4	0	30	−4	S	2	-	o	2	-	36	28				
	Blaavands Huk	1029.5	36	ENE	4	b	1030.8	0	34	−2	ESE	3	-	o	*	-	43	28				
	Copenhagen ...	1033.4	34	ESE	3	o	1034.0	+1	34	−2	SE	3	-	o	*	-	36	30				
	Bornholm ...	1031.9	30	E	4	m	1033.6	0	32	[illegible]	ESE	2	E	m	0	-	34	28				
FRANCE, &c.	The Helder ...	1022.2	43	E	3	b	1023.5	0	34	−3	E	4	-	b	3	-	45	34				
	C. Gris Nez ...	1017.8	41	NE	3	f	1016.4	+1	34	−7	-	0	*	b	2	Trace	45	34				
	La Hève	1016.4	43	NE	3	o	1014.0	*	39	−1	E	4	*	m	3	-	48	37				
	Brest (St. Mathieu)	1016.6	46	NE	3	f	1012.8	−2	43	+2	ENE	2	*	o	2	-	50	41				
	Rochefort (Ile d'Aix)	1011.8	48	NW	3	c							*		*							
	Biarritz	1010.8	52	NE	3	c	1007.5	−1	48	+1	SSE	2	*	c	2	-	61	43				
	Paris	1014.0	50	NNE	2	b	1014.2	0	32	−5	ENE	1	-	b	*	-	57	32				
	Belfort	1014.4	46	E	1	c	1016.2	*	30	−4	E	1	*	c	*	-	53	27				
	Lyons	1012.0	48	N	2	b	1012.6	*	36	0	-	0	*	b	*	-	59	34				
	Nice	1018.8	48	-	0	b	1013.9	+1	43	−9	-	0	*	c	2	-	61	39				
	Perpignan ..	1011.4	50	-	0	b	1011.1	0	45	+8	SW	1	-	o	*	-	61	32				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna																					
	Madrid														*							
	Lisbon	1009.0	55	NNW	3	b	1008.0	0	50	0	N	1	-	bc	5	1	57	48				
	Azores (Horta) ...	1025.1	*	NE	4	o	1015.0	−3	54	+4	SSW	6	*	c	3	-	55	50				
	Madeira	1015.5	57	N	3	o	1016.6	−2	52	−2	N	3	-	b	2	-	61	52				
	Gibraltar	1009.8	52	E	2	o	1009.5	*	53	−1	W	4	*	o	3	40	55	50				
	Malta	*	*	*	*	*	1017.9	+3	54	0	W	2	-	bc	0	-	59	50				
	Limassol	*	*	*	*	*	1004.2	0	61	+7	-	0	-	o	4	-	64	54				
	Alexandria ...	1002.2	63	NE	5	c	1008.3	+3	59	0	WNW	3	W	o	2	-	75	57				
	Cairo (Helwan) ...	1000.2	75	W	2	b	1008.6	+5	57	−6	NW	1	NW	bc	*	Trace	84	55				

LONDON, 15TH–MARCH 9h. G.M.T.	Humidity. 15 h. 14TH	Humidity. 9 h. 15TH	Sunshine for 14TH	24 Hours ended 9 h. 15TH: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	77	79	6.2	52	37	30	0.3	b	b.bc.c.o	od.o.c.
CITY (Bunhill Row)	*	*	5.7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	72	75	5.4	51	*	36	0.5	bc.o.	o	od.rom.
CAMDEN SQ. (British Rainfall) ..	65	78	5.3	55	35	30	1	b	b.bc	*
S. KENSINGTON (Museum Grounds)	*	72	5.5	52	38	*	0.4	bc	bc.o	o.c.by

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 14TH

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
810	19.2	46.5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 79,568. SATURDAY, 16TH MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Sunshine measurements were variable, poor in many parts but ranging up to nearly 10 hours on the coast of the SE. of England and at one or two stations in Scotland. Temperature rose almost to 50° in all districts. A little rain fell in the night at Yarmouth and Roches Point.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 15TH MARCH

	STATIONS.	Rainfall Night 18h-9h.	Rainfall Day 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 15TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	42	38	o.c.	c.o	0.2
	Montrose	-	-	45	38	o	o	0.0
	St. Andrews	-	-	41	37	o	o	0.0
Eng. N.E.	Harrogate	-	-	41	33	o	o	0.0
	Skegness	-	-	43	35	o	o	0.0
England, E.	Felixstowe	-	-	42	37	bc	bc	7.0
	Southend-on-Sea	-	-	45	38	b.bc.c.	c.o.	7.0
England, S.E.	Margate	-	-	41	39	b	b.bc.o	7.6
	Hastings	-	-	43	37	bc.b.	b	9.5
	Eastbourne	0.2	-	43	37	b	b	9.6
	Seaford	*	*	51	38	b	b	9.8
	Worthing	-	-	47	39	b	b	9.4
	Littlehampton	*	*	46	38	*	*	9.3
	Bournemouth	-	-	48	39	b	b	8.2
Scotland, W.	Oban	-	-	47	36	b	b	7.2
Eng. N.W.	Morecambe	-	-	41	37	*	*	5.4
	Southport	-	-	43	35	c.bcbc.	c.o.c.bcc	4.5
Midlands.	Malvern							
	Ross-on-Wye	2	-	47	37	cm.bc	bc.b.	3.0
Wales.	Rhyl	-	-	45	36	c.	c.bc.c.	2.5
	Colwyn Bay	-	-	46	37	c	c	3.5
	Llandudno	*	*	45	37	c	c	3.2
	Aberystwyth	*	*	46	38	T.o.c.	c.c.o	1.5
England, S.W.	Weymouth	*	*	45	41	yb.	bm	6.6
	Torquay	-	-	46	39	o	o.c.bbc.	3.3
	Paignton	*	*					
	Penzance	-	-	48	39	o	c.o.c.	0.0
	Newquay	-	-	47	34	cb.	c	2.2
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 15TH MARCH

	STATIONS.	Evening of 14TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 15TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö														*	
	Yuriev															
	Petrograd	102.6.4	30	W	4	o	1025.5	o	32	+14	W	4	T	-	?	18
	Vijni Volotchok	1030.0	23	W	2	o	1027.3	-1	25		SW	2	o	-	*	19
	Gorki							*							*	
	Moscow	1033.0	19	W	5	b	1027.4	-2	18	+22	WSW	2	T	-	*	-4
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1018.7	45	SSE	1	o	1020.2	*	39	-9	NE	7	o	1	50	39
	Turin	1012.1	43	SW	4	b	1021.3	*	36	+3	N	4	S	-	59	34
	Pesaro	1017.3	43	NE	1	bc.	1019.9	*	?		-	0	C	-	54	37
	Leghorn	1013.3	55	-	0	bc	1015.3	*	45	-7	E	2	o	6	59	45
	Rome	1014.5	52	E	2	b	1017.3	*	46	0	E	1	o	-	61	46
	Viesti	1011.7	48	NE	2	b	1017.7	*	46	-4	-	a	b	-	55	43
	Brindisi	1011.4	52	NW	3	b	1016.6	*	46	-2	NW	3	b	-	55	46
	Cagliari	1012.3	61	WSW	4	c	1013.9	*	55	-2	NW	3	b	1	68	48
	Palermo	1013.1	52	SE	2	b	1016.9	*	46	+3	ENE	1	b	-	63	41
	Tripoli						1021.3	*	48	-7	S	1	b	1	61	43
	Algiers	1005.2	54	W	1	T	1010.1	-3	55		SW	3	o	4	70	52
SWEDEN.	Hernösand	1026.7	45	-	0	bc	1028.4	*	39	o	-	0	b	*	*	*
	Stockholm	1031.1	37	WSW	2	o	1032.0	*	36	+4	WSW	2	o	*	*	*
	Wisby	1034.4	34	WSW	2	b	1034.6	*	30	o	WSW	4	o	*	*	*

Morning of 15TH

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1005.2	43	+15	SW	9	T
Reykjavik	1015.2	43	+11	S	6	c
Vestmanna	1019.1	43	+13	S	5	c
Seydisfjord	1019.6	39	+3	W	1	c
Thorshavn	1025.6	40	-6	NE	2	m

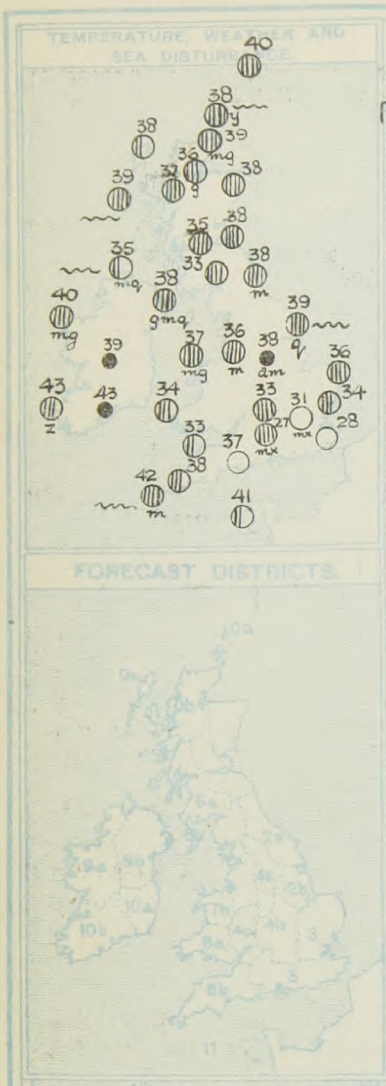
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

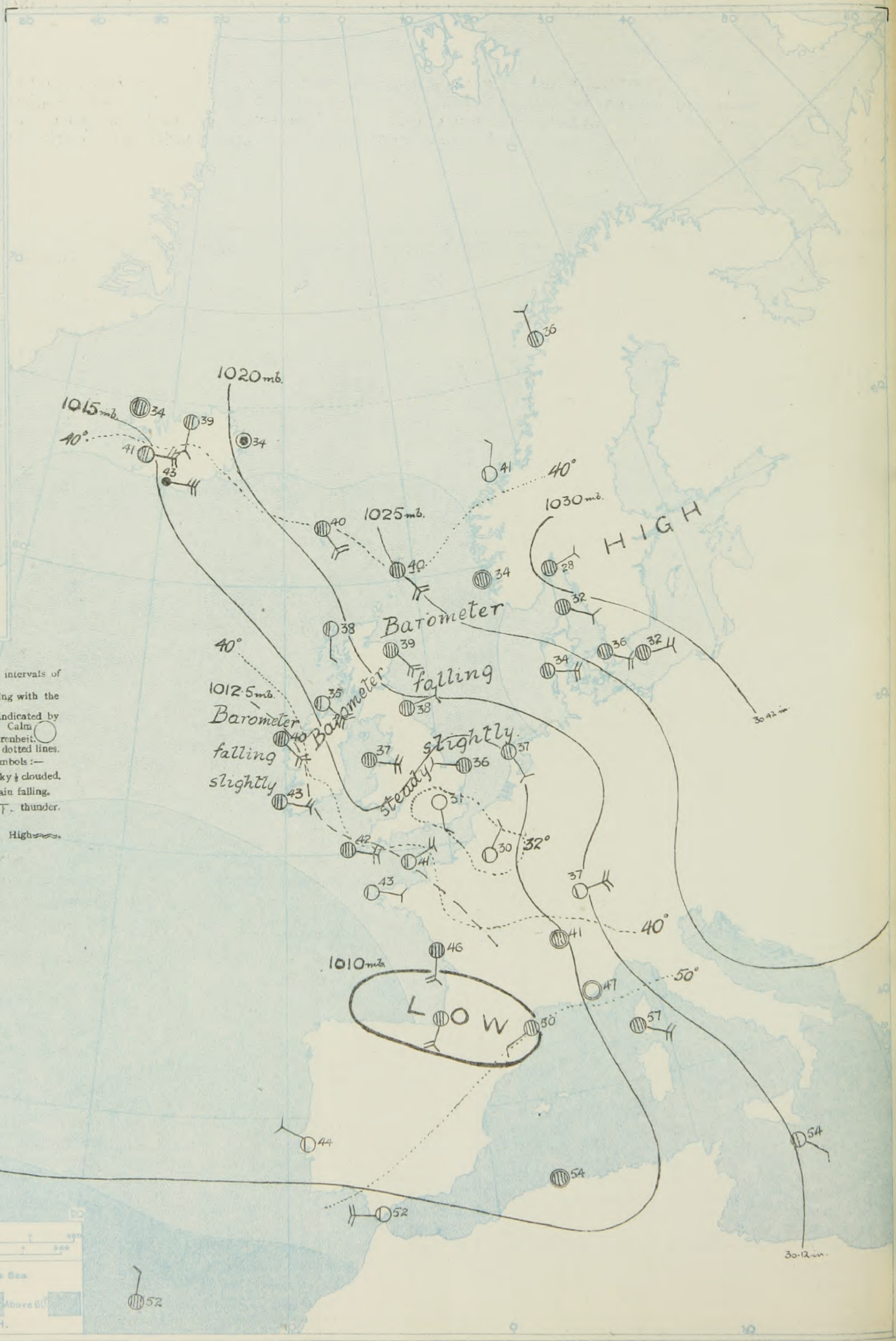
16TH AND 17TH MAR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.8	12.2	5.56
	6.5	12.2	5.58
Greenwich	6.14	12.9	6.4
	6.12	12.9	6.6
Wick	6.29	12.21	6.14
	6.26	12.21	6.16
Valencia	6.55	12.50	6.45
	6.53	12.50	6.46

Printed at the Meteorological Office, South Kensington, London, S.W. 7.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

‡ The barometric change is expressed in half-millibars.

THE MORNING OF SATURDAY, 16TH MARCH, 1918.





EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm ◯

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

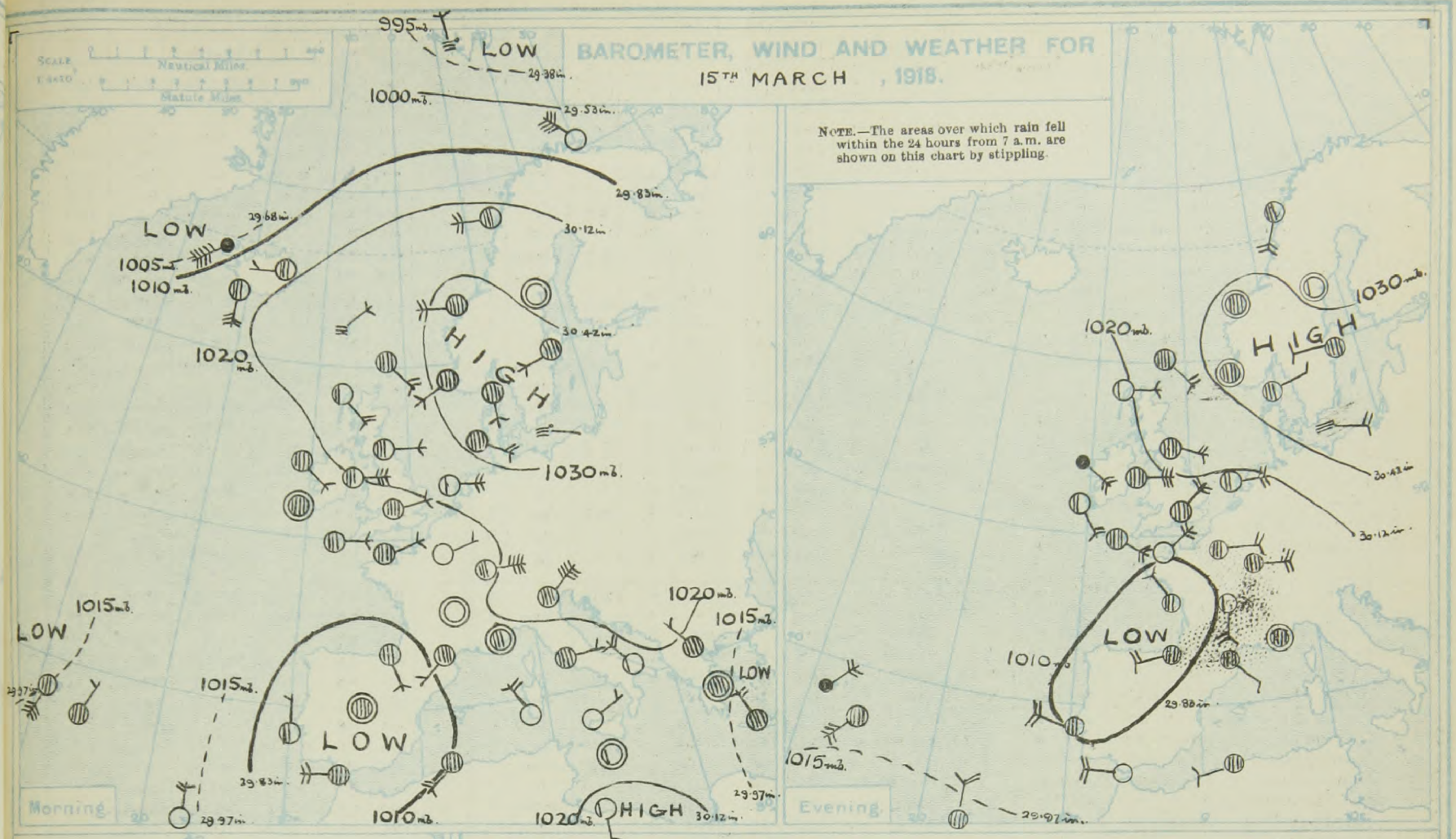
WEATHER.—Shown by the following symbols :—
◯ clear sky. ◐ sky ½ clouded. ◑ sky ¾ clouded.
◍ sky ⅞ clouded. ◍ overcast sky ● rain falling.
✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤ thunder.
⊤, thunderstorm.

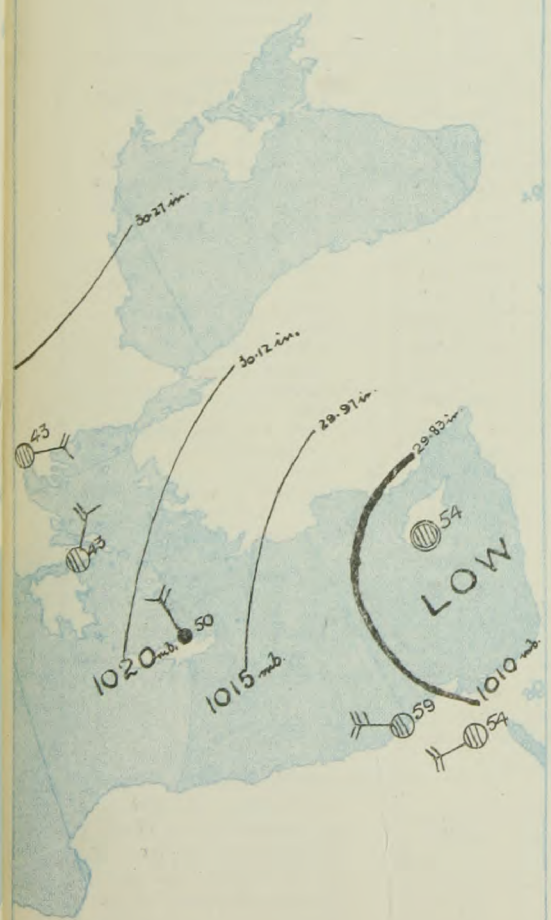
SEA DISTURBANCE.—Rough ~~~. High ≈≈≈.

Normal Temperature of the Sea

Below 40° | 40°-50° | 50°-60° | Above 60°

Scale of Tints for MARCH.





The Present Situation

An anticyclone still lies over the Baltic region, and seems to extend to the Black Sea. Pressure is relatively low over the Atlantic, and a shallow low pressure centre is shown over Northern Spain and SW. France. Another depression is centred over Northern Syria.

A shallow secondary depression which has formed during the night over the Southern North Sea is causing calms or light airs in the SE. of England and Flanders. Over the rest of the British Isles and central and northern North Sea winds are from E. or SE., of moderate force. There is much low cloud and a good deal of mist, and rain is falling locally in the Midlands and Ireland, but along the English Channel and in Holland weather is finer.

The General Outlook

Changes in progress are slight and there are no indications of any change from the present type of conditions.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 75. SATURDAY, 16TH MARCH

	STATIONS.	Evening of 15th: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 16th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 a.m. 16th: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 15th
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1027.9	39	SE	3	om	1025.0	-1	40	-2	SE	4	-	o	4	-	42	37	om	om	om	*
	Deerness (Orkney)	1024.7	39	SE	5	og	1022.3	*	38	-2	SE	5	-	og	5	-	42	37	om	og	og	0.0
	Stornoway ...	1019.7	45	E	2	b	1019.3	0	38	-3	S	1	-	bc	1	-	49	37	bc.b.	b	bc	9.3
	Castlebay (Barra Isd.)	1018.5	45	ESE	2	b	1017.8	0	39	-5	SE	4	-	o	5	-	47	39	c.b.	b	b.o	6.8
	Glasgow ...	1021.2	37	E	4	om	1019.8	0	35	0	E	2	SE	o	*	-	44	34	b.bc.cg	bc.b.om.	o	4.8
	Eskdalemuir ...	1022.1	33	E	4	og	1019.3	-2	33	-1	NE	2	-	o	*	-	40	32	o.cg.	o	o.og.o.	3.3
	Malin Head ...	1016.7	42	E	3	bcm	1015.5	0	36	-7	SE	5	SE	bcmq	5	-	45	33	bcm	bcm	bcmq	4.8
	Blacksod Point	1014.0	41	SE	4	ogmd	1011.6	-2	40	-2	SE	4	-	omg	4	-	44	38	bcg.	ogm	omg.om	*
	Valencia (Cahirciveen)	1012.5	47	SSE	3	bc	1011.0	-1	43	0	ESE	3	-	cg	3	-	51	39	c.bcg.	bc.cg.	b.bc.cg.	4.8
	Roche's Point	1014.3	43	E	2	om	1013.4	*	43	+5	SSE	3	-	r	4	2	47	38	bc.o.	o.e.ogm	omr	*
	Birr Castle ...	1014.8	41	E	1	m	1014.4	*	39	+3	SE	1	-	r	*	0.4	42	35	fe.	fe.	fe.od.	0.0
	Donaghadee ...	1017.6	41	ESE	4	ogm	1016.6	0	38	0	SE	4	-	ogmq	4	-	46	36	om.bcm	bc.ogm	ogmq	*
	Liverpool (Bidston)	1017.8	37	E	3	o	1016.9	-2	36	-2	E	1	-	om	1	-	43	34	om.	c.o	om	1.5
	Holyhead ...	1014.7	42	E	6	bcm	1015.7	0	37	-2	ESE	4	-	omg	3	-	45	37	c.bcm	bc.cm	b.om.	6.6
	Pembroke (St. Ann's)	1014.6	44	E	2	og	1015.1	0	34	-5	NE	3	E	c	2	-	45	34	o	o.c.og	og.b.bc.	0.2
	Hartland Quay	1013.8	45	ENE	2	og	1014.1	0	33	-7	ENE	3	SW	bc	2	-	49	33	om	o.c.ogm	b.bc.bc	*
	Scilly (St. Mary's)	1012.2	46	ESE	4	om	1012.0	0	42	+1	ESE	4	SE	om	5	1	48	39	bc.c.om	om.omr	bcc.om	3.6
	Falmouth ...	1012.8	43	E	4	cg	1012.5	0	38	+2	ENE	4	-	c	*	-	46	35	o	o.cg	cg.b.bc	0.1
	Jersey (St. Aubin)	1011.1	44	NE	4	b	1012.3	*	41	-2	ENE	3	NE	bc	3	-	49	37	om.cb.	b	bc	3.0
	Portland Bill ...	1013.2	43	E	6	b	1013.2	0	37	-6	ENE	4	-	b	4	-	45	35	bc	b	bm	*
	Dungeness ...	1014.4	39	ENE	4	bc	1013.6	0	28	-11	NE	2	-	b	2	-	44	27	b.	b.bc	b.bxc	*
	Dover	*	*	*	*	*											*	*				
	Wick	1024.5	39	SSE	4	omg	1022.0	-2	39	-1	SE	4	SE	o	4	-	42	37	omgq	omgq	omg	*
	Nairn	1021.6	39	ESE	2	bcm	1020.7	*	36	0	-	0	-	cg	1	-	49	29	bc	b.bc	bcx.c.	9.8
	Aberdeen ...	1024.9	39	SE	4	o	1021.6	-1	38	-2	SE	3	-	o	3	-	42	37	od.o.	o	o	0.0
	Leith	1022.3	38	ESE	2	o	1019.5	-1	38	-1	ESE	2	-	o	2	-	43	36	o.c.bc.c.	cg.c.o.	og.o	*
	Tynemouth ...	1022.2	37	ESE	3	omq	1019.0	-1	38	-2	ENE	2	-	om	4	-	40	36	om	omq	omq	*
	Spurn Head ...	1020.5	37	SE	4	oq	1015.1	-2	39	0	NE	4	-	oq	5	-	39	35	oq	oq	coq	0.0
	Yarmouth (Gorleston)	1017.5	39	E	4	c	1013.2	-2	36	-1	WNW	2	-	o	4	2	40	35	bcm.c.	c	omr	1.3
	Clacton-on-Sea	1017.0	38	ENE	4	bc	1014.3	0	34	-6	WNW	1	NW	cg	0	-	42	31	b.bc.bg	bg.bc	bcomx	7.2
	Nottingham ...	1019.3	36	E	4	o	1015.5	*	38	0	NW	2	NE	dm	*	Trace	41	35	o.c.	o	o	0.2
	Benson (Oxon.) ...	1015.2	39	ENE	3	r	1014.6	+2	33	-3	NE	1	-	o	*	-	49	30	b	bc	om	*
	Sth Farnborough	1016.0	38	E	5	o	1015.2	0	27	-10	NNW	1	-	omx	*	-	49	25	om.bge	bg.om.	a.b.omx	7.9
	Salisbury Plain	1015.3	38	ENE	3	b	1015.3	0	30	-7	ENE	2	-	f	*	-	49	27	o.bc.	bcm	oxf	*
	London (Kew Obsy.)	1016.4	39	NE	4	o	1014.7	+1	31	-8	S	1	-	bmx	*	-	45	31	omomb	b.o	o.bmx	6.6
NORTHERN EUROPE.	Spitsbergen ...												*		*	*						
	Vardö															*						
	Bodö	1027.8	39	SSW	4	c	1027.8	+3	36	-3	NNW	2	-	c	1	-	39	34				
	Christiansund ...	1033.9	43	-	0	o	1028.7	-1	41	0	NNE	1	-	b	3	-	46	39				
	Skudesnaes ..	1030.4	36	-	0	o	1026.7	-3	34	-3	-	0	-	o	2	-	37	34				
	Færder (X'iania Fjord)	1032.8	32	-	0	o	1030.6	-1	28	-6	ENE	2	-	o	1	-	34	28				
	The Scaw (Skagen)	1031.6	30	ENE	1	c	1028.3	-2	32	+2	NNE	2	-	o	2	-	34	30				
	Blaavands Huk	1027.2	36	ESE	4	o	1022.2	-3	34	0	ESE	4	-	c	*	-	39	28				
	Copenhagen ...	1031.2	36	ESE	3	c	1028.2	?	36	+2	SE	4	-	o	*	-	37	32				
	Bornholm ...	1031.1	32	ESE	3	m	1029.0	-1	32	0	ESE	3	-	o	0	-	34	30				
FRANCE, &c.	The Helder ...	1018.7	41	E	4	bc	1015.0	+1	37	+3	SSE	2	-	c	2	Trace	43	34				
	C. Gris Nez ...	1019.3	38	ENE	4	b	1015.1	+1	34	0	SE	1	*	b	1	-	38	32				
	La Hève	1012.4	45	NE	2	m	1013.8	*	34	-3	E	2	*	bc	2	-	48	34				
	Brest (St. Mathieu)	1010.3	49	NE	4	m	1011.2	+1	43	0	ESE	2	*	b	5	-	52	41				
	Rochefort (Ile d'Aix)	1008.6	52	NW	2	c	1010.3	+1	46		S	3	*	o	*	-	63	39				
	Biarritz	1007.9	51	WSW	3	r	1009.6	+2	?		SSW	3	*	c	4	3	59	45				
	Paris	1012.2	43	ENE	2	b	1013.9	+3	30	-2	NE	1	SW	b	*	-	50	30				
	Belfort	1015.2	32	E	5	c	1020.0	*	37	+7	E	4	*	b	*	1	46	30				
	Lyons	1012.3	52	S	3	b	1015.5	*	41	+5	-	0	*	o	*	-	59	36				
	Nice	1017.8	46	-	0	o	1019.6	+1	47	+4	-	0	*	b	4	7	54	37				
	Perpignan ..	1011.6	52	SE	1	o	1007.2	-2	50	+5	SW	1	S	o	*	17	61	45				
	Sanguinaire ...	1014.4	57	NW	2	o	1015.1	*	57		ESE	4	*	o	3	-	66	54				
SOUTHERN STATIONS.	Corunna																					
	Madrid														*							
	Lisbon	1009.1	54	WNW	4	c	1014.8	+3	46	-4	WNW	2	-	b	6	-	55	46				
	Azores (Horta) ...	1012.3	*	NNE	4	r	1013.8	0	50	-4	WNW	4	*	bc	2	1	57	50				
	Madeira	1018.3	59	N	3	o	1019.1	0	52	0	N	1	N	o	2	-	63	52				
	Gibraltar	1012.5	53	W	4	b	1015.2	*	52	-1	W	4	*	b	2	14	57	50				
	Malta	*	*	*	*	*	1020.0	+1	54	0	SE	1	-	bc	1	-	61	52				
	Limassol	*	*	*	*	*	1006.2	+2	54	-7	-	0	-	o	0	22	64	50				
	Alexandria ...	1019.8	59	NNW	5	c	1011.9	+2	59	0	WNW	5	NW	c	4	1	68	54				
	Cairo (Helwan) ...	1010.8	59	NW	3	bc	1013.0	+3	54	-3	W	4	NW	c	*	Trace	72	52				

LONDON

16TH MARCH 9h. G.M.T.

	Humidity. 15 h. 15TH	Humidity. 9 h. 16TH	Sunshine for 15TH	24 Hours ended 9 h. 16TH: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	65	71	7.3	47	29	17	-	b	bc.c.o.	o.c.bcx.
CITY (Bunhill Row)	*	*	7.1	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	61	95	6.7	47	*	28	-	bc.o.	bc	bc.bcmx.
CAMDEN SQ. (British Rainfall) ..	71	88	6.0	50	30	26	-	b	b.bc	*
S. KENSINGTON (Museum Grounds)	*	89	6.5	47	34	*	-	bg	bg.c.o	b. m.

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 15TH

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1000	23.6	52

The thermometers at Greenwich and Camden Square are in Glaisher screens.

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,569. SUNDAY, 17TH MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature remained below 50° nearly everywhere, some stations below 40°. Many localities had no sunshine, while several southern stations had good records, Jersey over ten hours. Showers fell in some districts, hail at Aberdeen. There was a good deal of mist.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 16TH MARCH

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 15TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	Trace	39	37	o	or. o	0·0
	Montrose	-	Trace	41	37	o	o	0·0
	St. Andrews							
Eng. N.E.	Harrogate	-	-	37	32	o	o	0·0
	Skegness	-	-	42	37	o	o	0·0
England, E.	Felixstowe	-	-	45	32	bcm	bcm	6·9
	Southend-on-Sea	-	-	50	32	bg.b	b.bg	8·1
England, S.E.	Margate	-	-	44	34	b.bc	b	7·4
	Hastings	-	-	46	32	b	b	9·8
	Eastbourne	-	-	43	29	b	b	9·3
	Seaford	*	*	50	28	m.b	b	9·3
	Worthing	-	-	48	32	b	b	10·2
	Littlehampton	*	*	44	41			9·1
	Bournemouth	-	-	47	28	b	b	9·2

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 15TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland W.	Oban	-	-	41	36	o	o	0·0
Eng. N.W.	Morecambe					*	*	
	Southport	-	-	45	34	o.c.b	o	1·5
Midlands.	Malvern							
	Ross-on-Wye	-	-	45	34	bcm	bc	2·5
Wales.	Rhyl							
	Colwyn Bay							
	Llandudno	*	*					
	Aberystwyth	*	*	46	31	o.c.b	b.bc	7·5
England, S.W.	Weymouth	*	*					
	Torquay	-	-	46	37	o.c	c.bc.b	2·2
	Paignton	*	*	46	38	bc	bc	0·5
	Penzance	-	-	48	36	bc.c	c	3·3
	Newquay							
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 16TH MARCH

	STATIONS.	Evening of 15TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 16TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	1009·7	25	NW	5	s	993·7		28		-	0	o	1	*	41
	Hangö	1029·3	32	WSW	2	bc	1026·9	-3	32		WNW	3	c	-	*	28
	Yuriev															
	Petrograd	1023·7	50	WNW	4	o	1019·9	-4	30	-2	W	4	o	-	34	28
	Vijni Volotchok	1022·6	34	?	2	b	1020·3	-3	32	+7	W	2	o	-	*	32
	Gorki							*							*	
	Moscow	1021·2	36	WNW	4	o	1019·1	+1	36	+18	WNW	3	o	-	*	34
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1024·2	43	NE	1	b	1025·5	*	41	+2	ESE	1	b	-	46	39
	Turin	1024·6	36	N	3	o	1027·3	*	36	o	-	0	s	7	37	34
	Pesaro	1023·4	46	NW	1	b	1023·4	*	48		W	1	b	-	57	43
	Leghorn	1019·8	46	SSW	2	b	1020·5	*	45	o	E	2	c	-	54	45
	Rome	1020·6	52	SE	1	b	1021·5	*	46	o	E	1	bc	1	59	41
	Viesti	1010·3	45	NW	1	b	1023·4	*	48	+2	W	1	b	-	57	43
	Brindisi	1020·3	50	NW	4	b	1020·7	*	50	+4	NW	2	c	-	?	?
	Cagliari	1013·7	61	SE	4	b	1010·9	*	57	+2	ESE	4	o	4	68	50
	Palermo	1017·8	54	N	1	b	1019·4	*	48	+2	SSE	1	bc	5	?	43
	Tripoli	1019·9	55	SE	2	b	1019·4	*	55	+7	SE	1	b	-	63	48
	Algiers															
SWEDEN.	Hernösand	1029·4	45	-	0	b	1027·1	*	25	-14	-	0	b	*	*	*
	Stockholm	1031·5	41	W	2	o	1030·3	*	28	-8	W	2	f	*	*	*
	Wisby	1033·4	30	SW	2	b	1031·4	*	28	-2	SW	2	m	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1016·0	34	-9	-	0	0
Reykjavik	1013·6	41	-2	E	5	c
Vestmanna	1015·1	43	0	E	5	r
Seydisfjord	1021·0	34	-5	-	0	r
Thorshavn	1022·3	40	0	SE	4	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

17TH AND 18TH MAR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·5	12·2	5·58
	6·2	12·1	6·0
Greenwich	6·12	12·9	6·6
	6·9	12·8	6·7
Wick	6·26	12·21	6·16
	6·23	12·20	6·18
Valencia	6·53	12·50	6·46
	6·50	12·49	6·45

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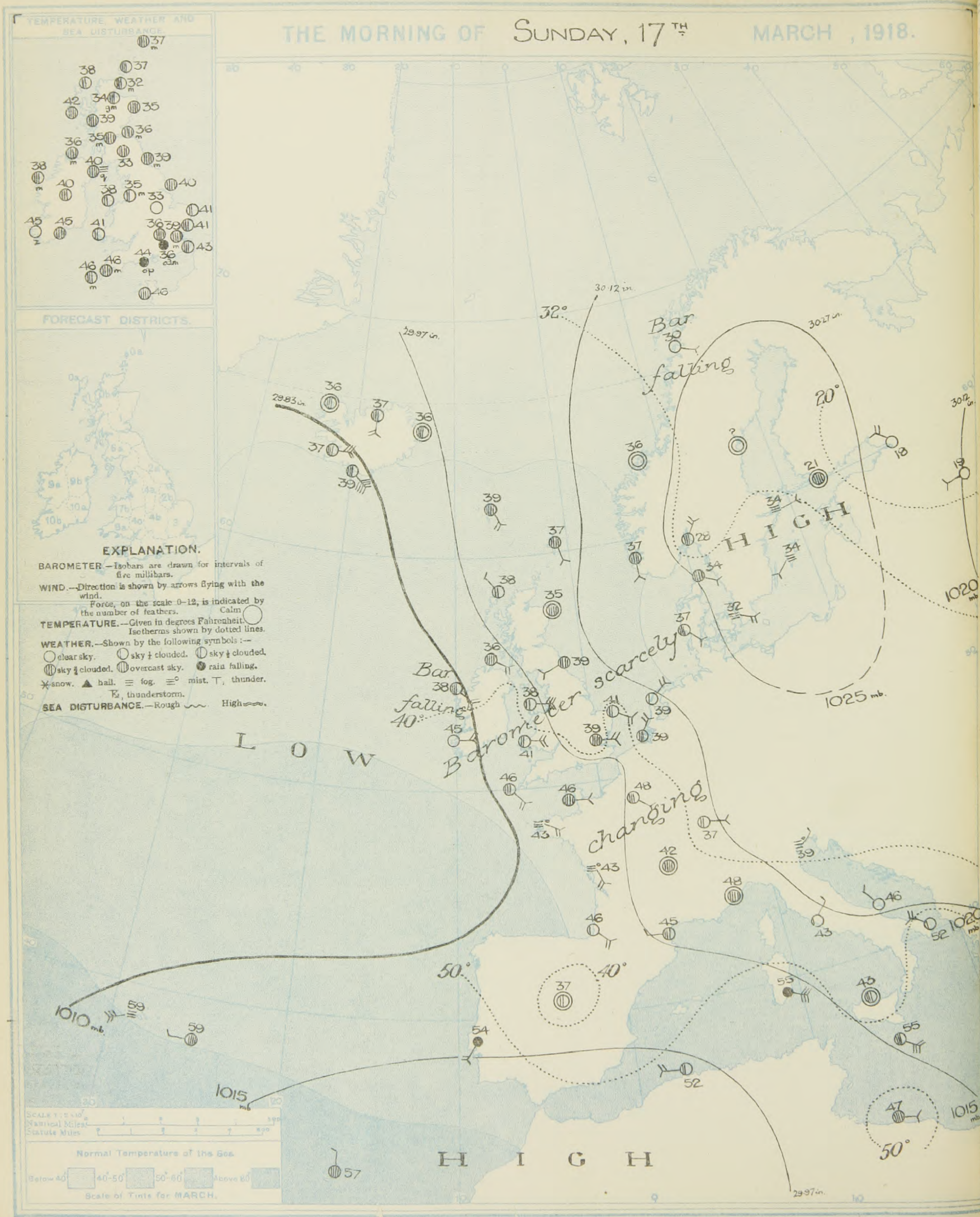
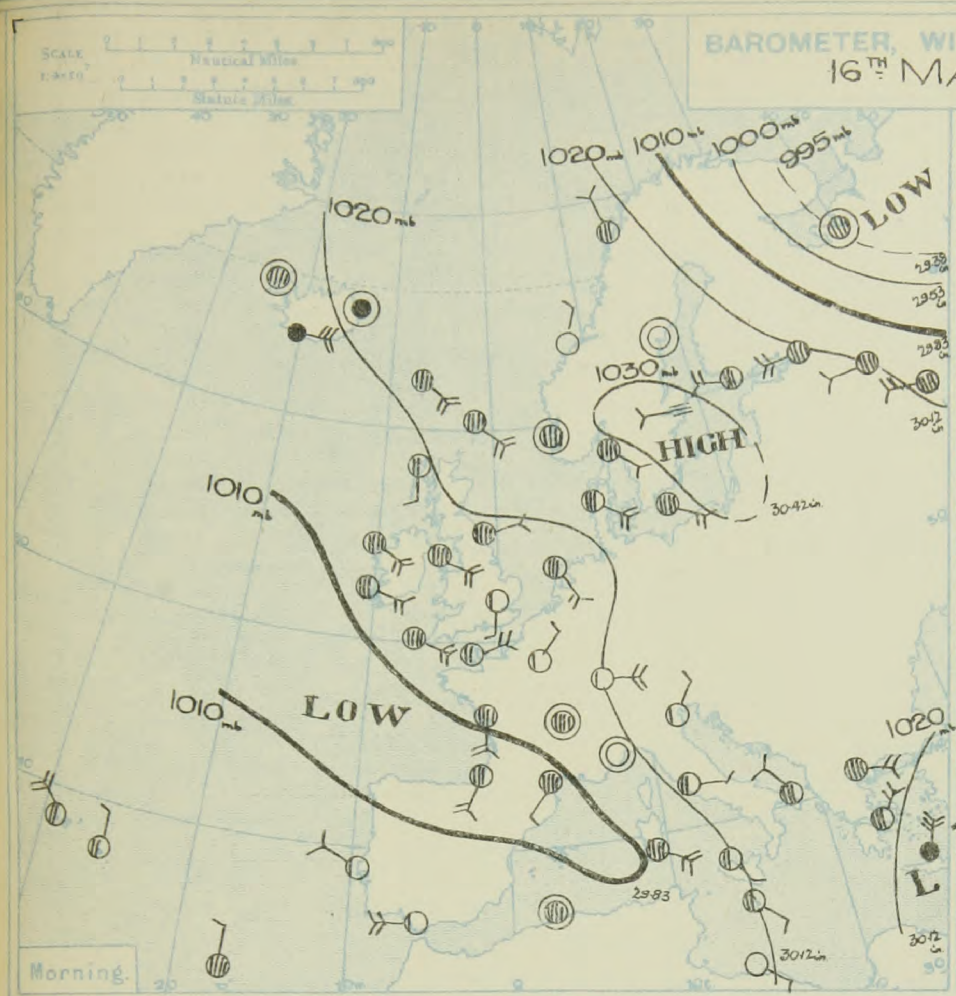
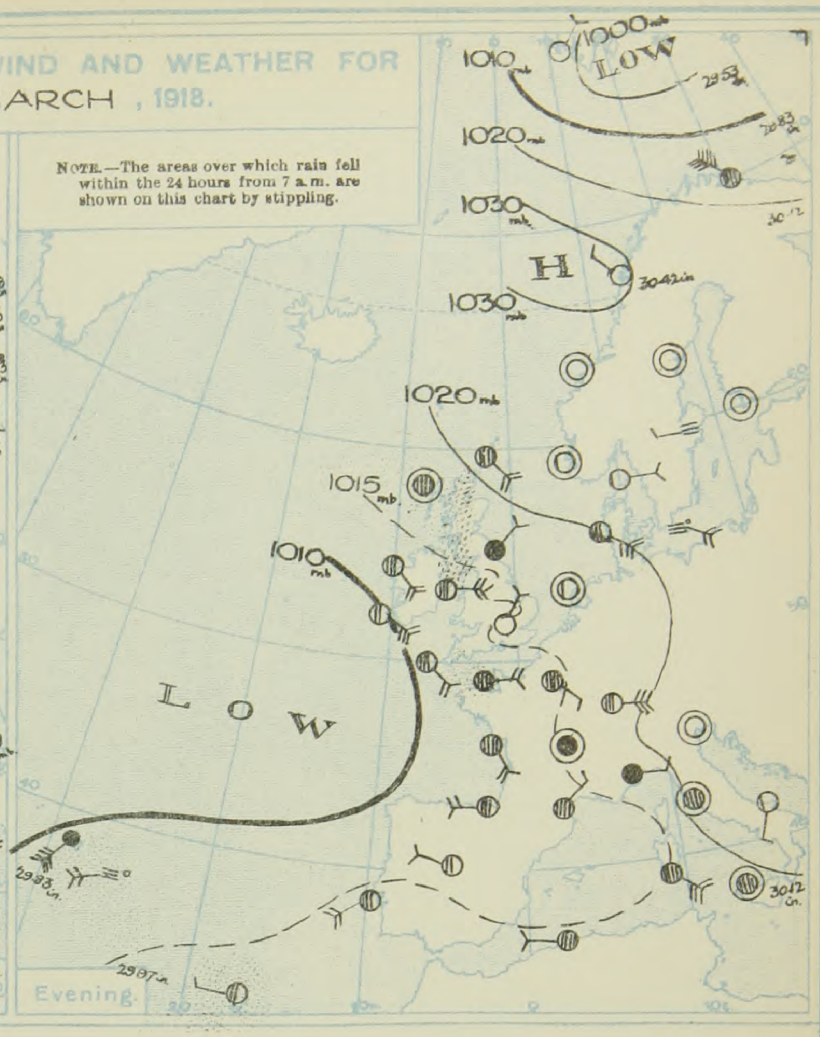
‡ The barometric change is expressed in half-millibars.

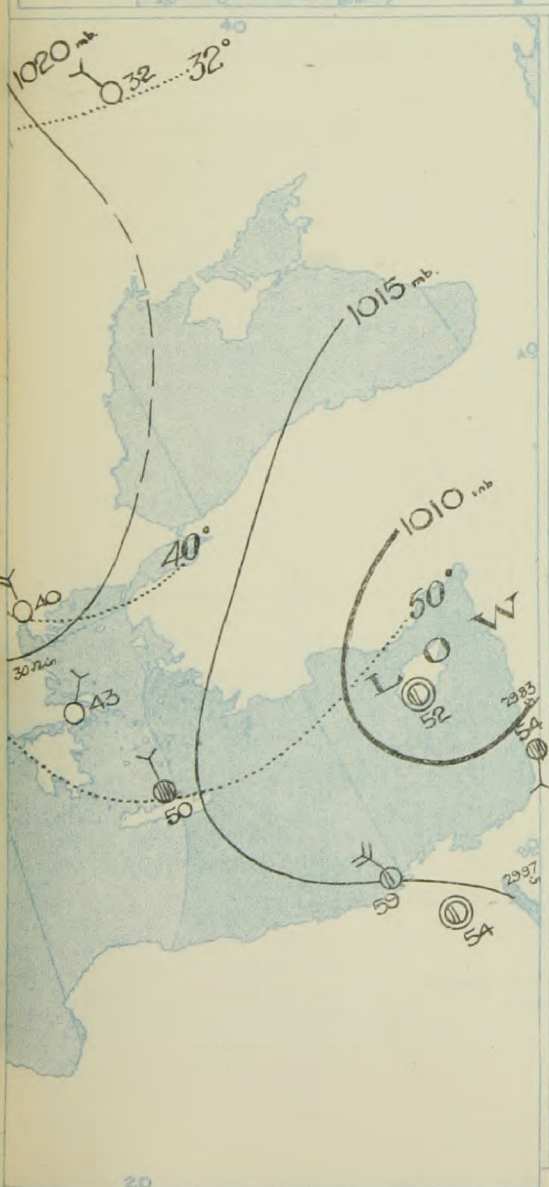
THE MORNING OF SUNDAY, 17TH MARCH, 1918.





NOTE.—The areas over which rain fell within the 24 hours from 7 a.m. are shown on this chart by stippling.





The Present Situation

The pressure distribution remains unchanged. An anticyclone still lies over the Baltic, and the barometer is relatively low over the Atlantic, as far as the Azores. There is a general weak current from SE. over the country, of moderate force at some stations, but mainly light. The state of the sky remains variable, fine at a few stations in Holland and England, but for the most part there is much cloud, and a little local rain is reported in the South. Similar feeble winds prevail over France.

N.H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 76. SUNDAY 17TH MARCH

	STATIONS.	Evening of 16th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 17th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 a.m. 17th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 16th Hours.
BRITISH ISLANDS.	Lerwick ...	1022.6	38	SE	4	om	1018.1	-1	37	-3	SSE	2	–	om	2	1	40	35	om	om	omp	*
	Deerness (Orkney)	1019.6	39	ESE	5	oy	1016.9	*	37	-1	ESE	2	E	c	4	5	40	35	oy	oy	or.c	0.0
	Stornoway ...	1017.5	42	Calm	0	o	1016.8	–	38	0	NW	1	–	bc	1	–	44	36	bc	bc.o	o.bc	1.0
	Castlebay (Barra Isd.)	1016.0	42	ESE	4	o	1015.5	–	42	+3	SE	4	–	o	4	–	42	39	o	o	o	0.0
	Glasgow ...	1017.3	37	ENE	2	om	1017.7	+1	35	0	E	2	–	om	*	1	39	34	g	om	opmar	0.0
	Eskdalemuir ...	1016.7	36	NE	4	om	1018.4	+2	33	0	NNE	1	–	o	*	–	38	33	o	o.om	om.o	0.0
	Malin Head ...	1014.5	39	SE	4	cm	1013.7	–	36	+1	ESE	3	–	om	3	–	45	34	cmq	cm	om	4.1
	Blacksod Point	1011.1	40	SE	4	cm	1009.8	-2	38	-2	SE	4	SE	cm	4	–	41	36	omg	cmg	cm	*
	Valencia (Cahirciveen)	1009.4	42	ESE	5	bc	1008.4	–	45	+2	E	3	SE	bg	4	–	47	40	c.oy	o.bcg	bc.bg	3.3
	Roche's Point	1012.6	41	E	3	bg	1010.7	*	45	+2	SE	3	–	o	3	0.2	46	38	om	o.bg	b.o	*
	Birr Castle ...	1012.8	40	SE	1	o	1011.4	*	40	+1	E	2	E	c	*	0.1	44	35	odo	o	o.c	0.0
	Donaghadee ...	1014.5	41	ESE	4	ogmq	1014.8	–	40	+2	ESE	4	–	ofq	3	–	42	38	og.mq	og mq	ogmof	*
	Liverpool (Bidston)	1015.1	41	ESE	2	m	1016.3	-1	35	-1	ESE	2	E	cm	1	–	43	33	og	og	bcmx	0.0
	Holyhead ...	1014.4	42	E	4	cm	1013.7	-1	38	+1	E	4	–	bc	3	–	44	36	o.com	o.c.om	cbmbx	0.7
	Pembroke (St. Ann's)	1013.2	42	E	3	c	1012.0	–	41	+7	E	4	E	bc	3	0.1	45	34	c.bc	bc.c	cbbcp	6.4
	Hartland Quay	1012.2	44	SE	2	cm	1011.8	–	42	+9	SE	4	–	cm	3	–	47	33	bm	om	bmcm	*
	Scilly (St. Mary's)	1011.0	46	SE	3	m	1010.1	–	46	+4	SE	3	SE	m	4	–	48	42	c.om	om.cm	cm	1.1
	Falmouth ...	1011.4	45	E	2	bc	1010.7	-1	46	+8	ESE	3	–	om	*	–	48	37	c.o	o.bc	bc.com	2.8
	Jersey (St. Aubin)	1012.2	50	E	3	o	1012.5	*	46	+5	E	2	–	o	2	–	56	40	bc.b	b.o	bc.o	8.8
	Portland Bill ...	1013.1	43	ESE	4	b	1012.7	–	44	+7	ENE	5	–	op	4	1	45	36	bc.b	bc.b	bc.cp	*
	Dungeness ...	1015.0	43	E	3	b	1014.6	-1	43	+15	NE	4	E	og	3	–	47	27	b.	b	b.bc	*
	Dover	*	*	*	*	*													*	*		
	Wick	1019.0	39	ESE	3	omd	1017.0	–	32	-7	W	2	–	cm	4	3	40	31	omg	omgd	op.cm	*
	Nairn	1017.6	38	E	1	om	1017.0	*	34	-2	Calm	0	–	cgm	–	–	41	33	cgo	og.	o.um	0.0
	Aberdeen ...	1018.4	38	ENE	3	od	1018.3	+1	35	-3	Calm	0	–	o	3	1	39	35	o	odpk.	odo	0.0
	Leith	1016.8	38	E	1	r	1017.4	–	36	-2	E	1	–	om	2	6	39	35	odo	ogro	ormo	*
	Tynemouth ...	1015.8	48	NE	2	md	1019.0	+1	39	+1	WSW	2	–	om	3	1	48	37	omd	omd	om	*
	Spurn Head ...	1015.9	40	Calm	0	o	1019.5	+1	40	+1	SSE	3	–	o	4	–	41	38	o	o	c.o	0.0
	Yarmouth (Gorleston)	1015.7	40	S	3	o	1017.9	+1	41	+5	ESE	3	–	bc	3	–	45	35	cm	cm.om	bmbc	1.7
	Clacton-on-Sea	1016.1	41	E	2	bcg	1017.1	–	41	+7	NNE	2	W	c	2	–	46	33	cgbc	bcg	bcgbc	8.8
	Nottingham ...	1016.0	39	E	1	o	1017.9	*	33	-5	E	2	–	bx	*	trace	41	27	ocm	o	ocb	0.0
	Benson (Oxon.) ...	1014.9	42	Calm	0	b	1015.2	+2	36	+3	NE	1	–	o	*	–	47	27	bc	b	b.o	*
	Sth Farnborough	1015.1	42	ENE	2	bg	1015.8	–	36	+9	ENE	3	–	odm	*	7	50	26	omxcgy	cybg	bmodm	0.0
	Salisbury Plain	1014.8	42	SE	2	bc	1015.2	–	34	+4	SE	4	–	o	*	–	47	29	bc	bc	om	*
	London (Kew Obsy.)	1015.1	43	NNE	2	bg	1016.2	+1	39	+8	E	3	–	om	*	–	43	31	bmxbg	bgbcg	bgbom	1.5
NORTHERN EUROPE.	Spitsbergen ...		1	NE		b						0	*		*	*						
	Vardö															*						
	Bodö	1030.3	34	NW	1	b	1024.2	-3	30	-6	ESE	2	–	b	2	–	36	28				
	Christiansund ...	1023.2	43	Calm	0	b	1022.6	–	36	-5	Calm	0	–	b	3	–	46	34				
	Skudesnaes ..	1021.9	36	Calm	0	b	1022.4	–	37	+3	S	2	–	o	*	–	*	*				
	Færder (X'iania Fjord)	1026.8	43	NNW	2	b	1027.4	+1	28	0	NNE	3	–	c	1	–	34	38				
	The Scaw (Skagen)	1025.6	32	E	2	b	1025.0	–	34	+2	ESE	2	–	o	2	–	34	30				
	Blaavands Huk	1020.0	41	SE	5	c	1022.2	–	37	+3	SE	2	–	c	*	–	45	32				
	Copenhagen ...	1025.4	34	ESE	4	bc	1026.6	+2	32	-4	ESE	3	–	f	*	–	37	30				
	Bornholm ...	1025.4	32	ESE	4	m	1014.2	–	30	-2	SE	4	–	f	–	–	34	28				
FRANCE, &c.	The Helder ...	1018.2	39	Calm	0	b	1019.5	+1	39	+2	NE	3	–	b	1	–	45	37				
	C. Gris Nez ...	1016.0	41	ESE	1	b	1015.1	–	41	+7	E	3	*	o	2	–	52	34				
	La Hève	1014.2	50	ENE	2	m	1013.5	*	46	+12	ESE	5	*	o	2	–	54	34				
	Brest (St. Mathieu)	1012.3	48	S	1	m	1011.1	–	43	0	ESE	3	*	m	3	–	54	42				
	Rochefort (Ile d'Aix)	1012.0	50	SSE	3	o	1012.8	–	43	-3	SSE	3	*	m	*	–	55	43				
	Biarritz	1012.3	52	W	3	c	1012.8	–	46	?	SE	3	*	b	5	–	54	40				
	Paris	1014.2	54	SE	1	o	1015.8	+2	48	+18	SE	2	–	c	*	–	59	30				
	Belfort	1015.9	50	E	6	c	1019.8	*	37	0	E	2	*	bc	*	–	55	32				
	Lyons	1015.4	48	NNW	1	r	1017.8	*	42	+1	Calm	0	*	o	*	–	52	33				
	Nice	1020.2	42	E	1	r	1018.4	–	48	+1	Calm	0	*	o	4	4	48	40				
	Perpignan ..	1012.4	50	NE	1	o	1015.4	+2	45	-5	W	1	–	c	*	1	59	45				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna																					
	Madrid	1012.2	54	ESE	2	bc	1019.2	+3	37	?	Calm	0	–	bc	*	trace	54	36				
	Lisbon	1016.3	55	SW	4	c	1014.7	-1	54	+8	SSW	3	–	r	?	trace	57	46				
	Azores (Horta) ...	1009.9	*	SW	7	f	1011.9	+2	59	+9	WSW	5	*	f	4	3	59	50				
	Madeira	1017.8	61	W	1	bc	1017.9	-1	57	+5	NE	1	–	o	2	17	61	52				
	Gibraltar							*					*									
	Malta	*	*	*	*	*	1015.5	–	55	+1	SE	5	–	c	2	–	61	54				
	Limassol	*	*	*	*	*	1009.9	–	52	-2	–	0	–	bc	0	10	63	45				
	Alexandria ...	1013.2	57	NW	3	c	1015.1	+2	54	-5	Calm	0	–	bc	–	–	66	48				
	Cairo (Helwan) ...	1013.5	57	NNW	5	o	1015.0	+2	59	+5	NNW	4	–	bc	*	1	68	54				

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

LONDON — 17th MARCH, 9h. G.M.T.

	Humidity. 15 h. 16th	Humidity. 9 h. 17th	Sunshine 16th	24 hours ended 9 h. 17th: Temperature. Max.	Temperature. Min.	Min. on Grass.	Rainfall.	Weather. Morning.	Afternoon.	Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	56	90	5.2	50	33	21	0.0	m	bc	bc
CITY (Bunhill Row)	*	*	0.7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	66	94	0.3	47	*	31	0.0	bc.m	b	mbcbo
CAMDEN SQ. (British Rainfall) ..	59	97	0.8	50	31	25	0.0	c.o	o	*
S. KENSINGTON (Museum Grounds)	*	83	0.0	46	36	*	0.0	om	oy	bc

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 16th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
360	8.5	24

The thermometers at Greenwich and Camden Square are in Glaisher screens.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,570. MONDAY, 18TH MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Slight falls of rain, chiefly in the form of local showers, were reported from various localities. Sunshine records were generally good, over 8 hours being registered at Harrogate and Cahirciveen (Valencia Observatory). Moderate day temperatures were followed by low minima at night (30° F. at Benson). Inland mist or fog at night was general.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 17TH MARCH

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 17th
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	Trace	-	44	34	o. c	c.bc.b	0·9
	Montrose	Trace	-	44	34	bc	o	4·7
	St. Andrews							
Eng. N.E.	Harrogate	-	-	49	33	d. c	b	8·1
	Skegness	-	-	44	37	bc	bc	4·3
England, E.	Felixstowe	-	-	45	34	om. bc	bom	3·7
	Southend-on-Sea	-	-	51	37	b. bc	c. o	4·3
England, S.E.	Margate							
	Hastings	-	-	51	40	bc. o	o	1·9
	Eastbourne	-	-	47	33	o bc	o. c	0·6
	Seaford	*	*					
	Worthing	Trace	-	49	38	c	c	0·2
	Littlehampton							
	Bournemouth	1	Trace	52	32	o	o	0·8

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 17th
		Mm.	Mm.	°F.	°F.			Hr.
Sc'tld W.	Oban	-	-	48	37	o	bc. o	4·5
Eng. N.W.	Morecambe					*	*	
	Southport	-	-	53	32	c	o. c. bc	4·1
Midlands.	Malvern							
	Ross-on-Wye	-	Trace	51	29	bc. r	o	1·3
Wales.	Rhyl	-	-	52	33	c. o	c. bc. o	2·3
	Colwyn Bay	-	-	54	32	c	c	2·5
	Llandudno	*	*	54	33	c	bc	3·1
	Aberystwyth	*	*	54	38	o. c. b	bc. c	5·5
England, S.W.	Weymouth	*	*					
	Torquay							
	Paignton	*	*	48	43	o	od. o	0·3
	Penzance							
	Newquay	-	-	52	34	c. b	c. b	2·8
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 17TH MARCH

	STATIONS.	Evening of 16th. Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 17th. Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö	1026·7	32	-	0	b	1029·1	+2	21	-11	-	0	o	-	*	*
	Yuriev															
	Petrograd	1022·1	32	NW	3	b	1023·8	+1	18	-12	NW	3	b	-	*	16
	Vijni Volotchok						1020·0	+3	19	-13	W	2	b	5	*	19
	Gorki							*							*	
	Moscow	1012·6	34	WNW	5	o	1016·0	+1	25	-9	NW	3	b	-	*	21
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice	1022·9	45	-	0	b	1022·1	*	39	-2	NNE	1	m	-	50	37
	Turin	1025·3	39	-	0	o	1022·9	*	41	+5	-	0	o	1	43	34
	Pesaro	1023·0	39	-	0	b	1022·9	*	45	0	-	0	b	-	54	32
	Leghorn	1015·3	50	E	1	b	1019·4	*	48	+3	E	2	b	-	57	45
	Rome	1020·3	52	-	0	o	1019·5	*	43	-3	NE	1	b	-	61	41
	Viesti	1021·0	46	SSW	1	b	1020·9	*	46	-2	NW	1	b	-	55	43
	Brindisi	1020·3	52	NW	1	b	1018·2	*	52	+2	NW	3	b	-	52	50
	Cagliari	1015·0	61	SE	5	o	1013·7	*	55	-2	ESE	6	r	4	?	50
	Palermo	1019·0	52	-	0	o	1017·1	*	43	-5	-	0	c	-	66	45
	Tripoli						1012·3	*	47	-8	E	2	o	Trace	?	?
	Algiers															
Sweden.	Hernösand	1028·0	34	-	0	b	1028·8	*	7		-	0	b	*	*	*
	Stockholm	1027·9	30	W	2	†	1028·8	*	34	+6	E	2	†	*	*	*
	Wisby	1029·1	28	SW	2	c	1029·4	*	34	+6	SW	2	†	*	*	*

Iceland.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Weather.
		°F	°F			
Isafjord	1010·4	36	+2	-	0	c
Reykjavik	1008·0	37	-4	E	5	c
Vestmanna	1008·4	39	+4	SE	8	c
Seydisfjord	1014·8	36	+2	-	0	c
Thorshavn	1017·2	39	-1	S	3	0

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom

18th and 19th Mar. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6·2	12·1	6·0
	6·0	12·1	6·2
Greenwich	6·9	12·8	6·7
	6·7	12·8	6·9
Wick	6·23	12·20	6·18
	6·20	12·20	6·20
Valencia	6·50	12·49	6·48
	6·48	12·49	6·50

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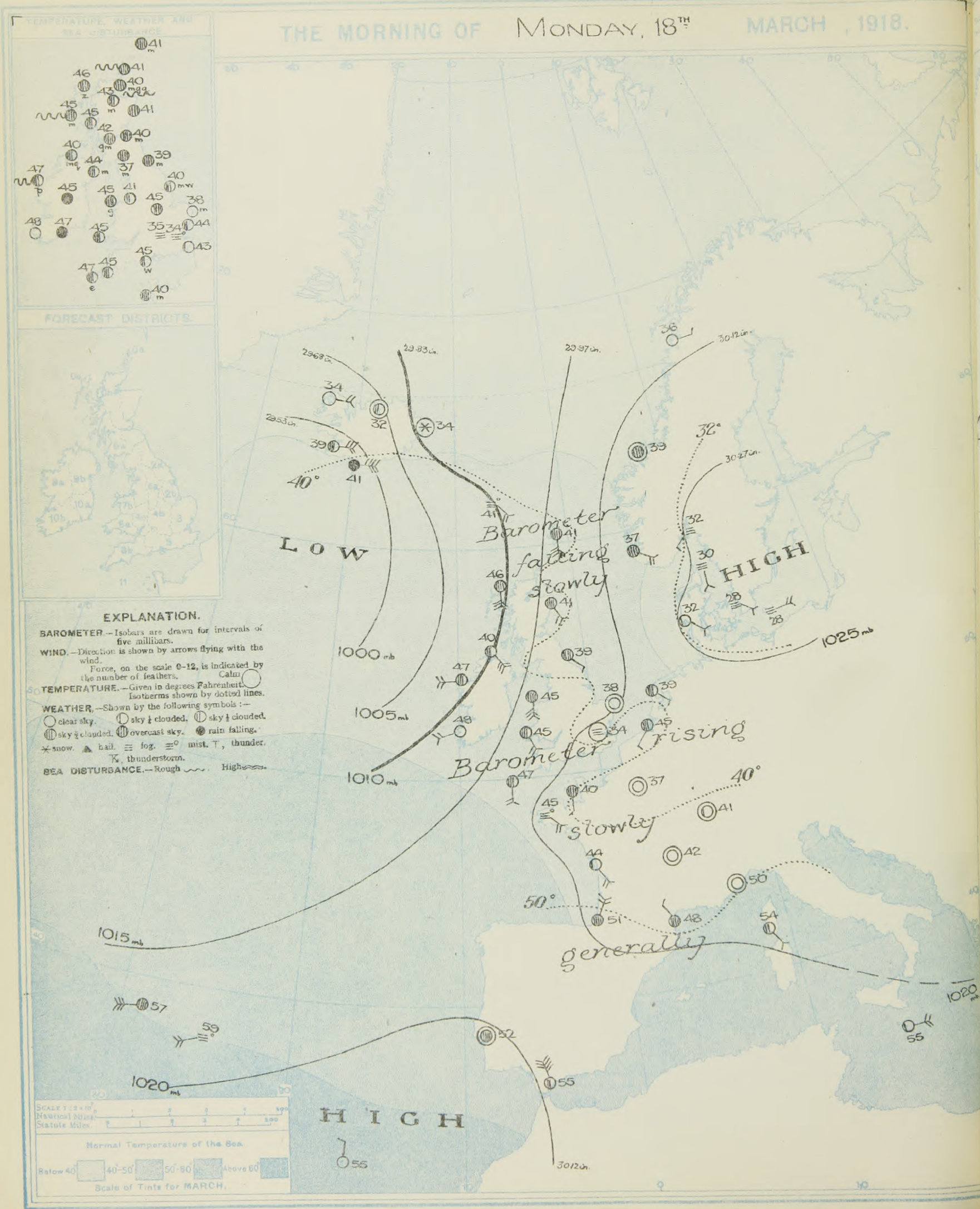
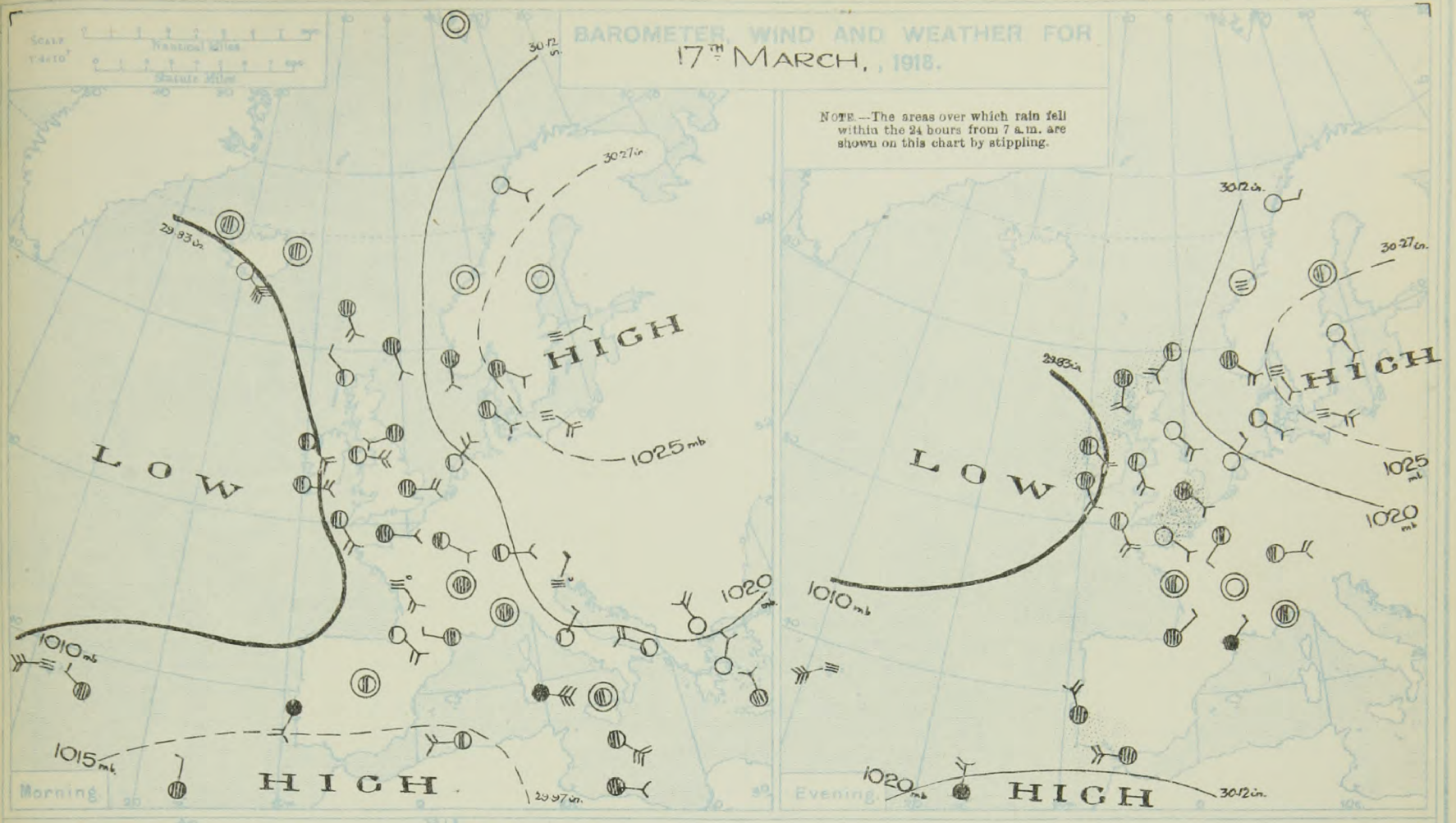
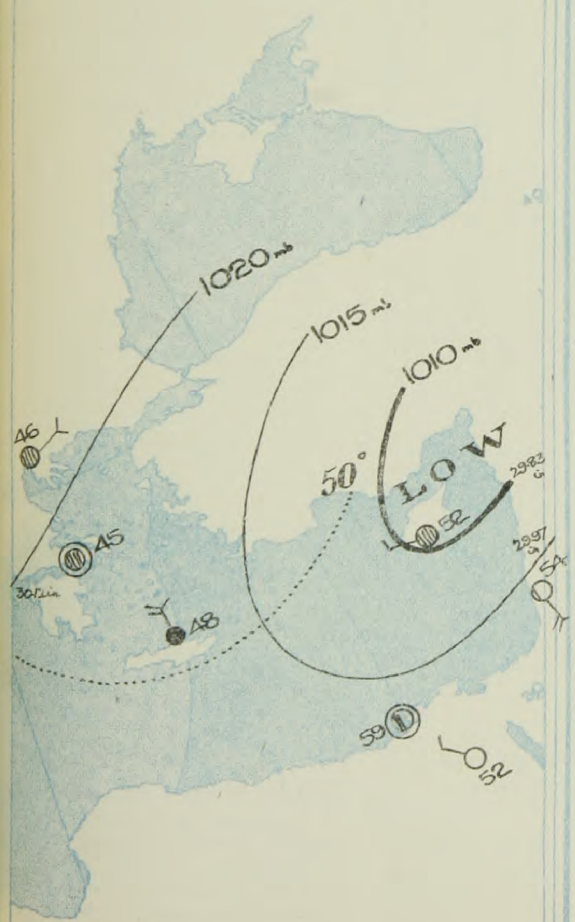
‡ The barometric change is expressed in half-millibars.


THE MORNING OF MONDAY, 18TH MARCH, 1918.
TEMPERATURE, WEATHER AND SEA DISTURBANCE.
FORECAST DISTRICTS.
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0-12, is indicated by the number of feathers. Calm
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
WEATHER.—Shown by the following symbols :—
clear sky. sky ¼ clouded. sky ½ clouded.
sky ¾ clouded. overcast sky. rain falling.
snow. hail. fog. mist. thunder.
thunderstorm.
SEA DISTURBANCE.—Rough High
LOW
HIGH
HIGH
Barometer falling slowly
Barometer rising slowly generally
1000 mb
1005 mb
1010 mb
1015 mb
1020 mb
1025 mb
29.68 in.
29.83 in.
29.97 in.
30.12 in.
30.27 in.
30.12 in.
40°
50°
Normal Temperature of the Sea
Below 40
40-50
50-60
Above 60
Scale of Tints for MARCH.





The Present Situation

Pressure has again become low to the North-west of the British Isles, remaining high over the Continent. Southerly winds are now blowing over the British Isles, light in the South and East, but moderate or fresh in the North and West. A depression maintains its position over the extreme Eastern Mediterranean, where rain has fallen.

The General Outlook

The extensive depression to the north-west is likely to be the dominating factor in the weather for the next day or two. Winds are likely to remain Southerly to South-Westerly, with mild weather.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 77 ... MONDAY 18TH MARCH

	STATIONS.	Evening of 17th: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 18th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 A.M. 18th: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 17th
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1017·9	+2	SW	3	bc	1015·8	-2	41	+4	S	5	-	om	4	1	44	36	bcm	bc	bcomp	*
	Deerness (Orkney)	1017·9	40	S	4	b	1013·5	*	41	+4	SSE	6	-	o	5	Trace	45	37	c.bc	bc.b	b.bc.c.o	0·0
	Stornoway ...	1015·5	41	SSE	3	o	1009·4	-2	46	+8	S	5	-	og	4	1	46	37	bc.o	o.c.o	op.og	1·7
	Castlebay (Barra Isd.)	1012·9	44	SE	5	opm	1008·5	-2	45	+3	SE	5	-	om	6	1	46	42	o.cmq	omq.op	opm	1·3
	Glasgow ...	1017·1	42	ENE	2	om	1015·0	-1	42	+7	SE	1	s	ogm	*	1	49	34	o.c.bcm	c.opm	op.ogm	5·0
	Eskdalemuir ...	1017·7	44	E	1	og	1016·3	-1	37	+4	-	0	-	om	*	-	49	32	o.c.bcg	bcyg.o	og.bo	7·5
	Malin Head ...	1011·6	46	ESE	4	bcmq	1008·0	-2	40	+4	SE	5	s	cmq	4	-	47	35	om	cmq	cmq	2·2
	Blacksod Point	1008·4	46	SE	4	cm	1006·8	+1	47	+9	W	4	SW	cp	5	2	49	37	bcm	bcm	omq.op	*
	Valencia (Cahirciveen)	1008·8	49	SSE	5	o	1011·8	+4	48	+3	WSW	3	-	b	3	2	54	44	bg.bcg	bcgy.c.o	o.cp	8·2
	Roche's Point	1012·0	47	SE	4	b	1013·7	*	47	+2	S	4	-	r	4	1	50	45	o.bc.b	bm	b.o.d	*
	Birr Castle ...	1011·6	44	SE	1	o	1011·2	*	45	+5	SE	1	-	r	*	1	54	39	g	o	or	-
	Donaghadee ...	1014·1	45	ESE	3	bcf	1012·3	-	44	+4	S	3	s	cm	3	1	47	40	of	of.q.p	cf.of.q	*
	Liverpool (Bidston)	1016·0	49	ESE	3	bc	1017·0	+1	41	+6	ESE	2	SE	bc	2	-	52	35	cm	cm	bc	4·8
	Holyhead ...	1014·3	48	SSE	3	bcm	1015·2	0	45	+7	S	5	SW	og	3	0·2	56	38	bc.cp.c	bc.c	b.bc.c.o	2·1
	Pembroke (St. Ann's)	1013·8	46	ESE	3	o	1017·2	+2	45	+4	SSE	3	S	c	3	0·2	49	41	bcg	og	bcg.c	4·7
	Hartland Quay	1014·7	50	SE	3	om	1015·4	+1	45		SSE	3	W	o		-	56	42			bm.o	*
	Scilly (St. Mary's)	1013·0	48	SSE	4	bc	1018·1	+1	47	+1	S	3	SW	cc	4	0·1	52	45	cm.bcm	bcm.cm	bm.b	6·2
	Falmouth ...	1014·5	47	ESE	1	bg	1018·6	+2	45	-1	S	2	-	c	*	-	49	41	om	om.c.bg	bcw	0·2
	Jersey (St. Aubin)	1015·1	51	SE	2	b	1021·1	*	40	-6	S	1	-	om	0	1	52	38	or.o	o.b	or.bwm	3·0
	Portland Bill ...	1014·8	45	E	3	c	1019·8	+4	45	+1	SSW	2	E	bcw	2	1	47	39	cp	c	bc	*
	Dungeness ...	1016·5	47	S	1	c	1021·2	+3	43	0	S	1	-	b	1	-	49	40	bcg	bcg.c	c.bc.b	*
	Dover	*	*	*	*	*											*		*	*		
	Wick	1018·1	41	SSE	3	bc	1013·4	-2	40	+8	SSE	5	-	omgq	5	-	43	30	cm.bc	bc	bc.omg	*
	Nairn	1016·4	41	SE	1	bc	1012·8	*	43	+9	-	0	-	cm	0	-	47	33	cm	c.bc	bcm	2·4
	Aberdeen ...	1019·6	40	SSE	2	b	1015·9	-2	41	+6	SSE	3	-	o	2	-	44	35	o.c	c.bc.b	bc.o	2·3
	Leith	1016·9	45	E	1	c	1014·9	-1	40	+4	NW	1	-	om	1	-	49	36	o.c.bc.c	c.bcgc	cg.cmo	*
	Tynemouth ...	1019·3	41	SE	3	bm	1017·0	-1	39	0	SE	1	-	om	3	-	43	37	bm	bm	bmg.om	*
	Spurn Head ...	1019·1	42	ESE	3	c	1019·1	0	40	+1	SSE	2	-	cwm	3	-	43	38	b	bc	bcm	6·0
	Yarmouth (Gorleston)	1017·2	42	SE	2	bc	1019·9	+2	38	-3	-	0	-	bm	1	-	44	38	bc	bc	cm.bm	3·6
	Clacton-on-Sea	1017·4	44	E	3	cg	1021·3	+3	44	+3	SSE	1	-	bc		-	47	41	c.bcg	bc.cg	c.bcg	3·6
	Nottingham ...	1017·5	44	E	3	b	1019·2	*	45	+12	S	2	-	om	*	-	51	33	bc	bc.b	bc.c.o	7·4
	Benson (Oxon.) ...	1015·7	50	SSE	3	o	1020·5	+2	35	-1	S	2	-	†	*	0·1	54	30	bc.c	o	o	*
	Sth Farnborough	1015·7	50	SSE	3	o	1021·1	+1	38	+2	SSE	2	-	opx	*	0·3	54	35	odm.om	odm.om	d.of.bcf	0·4
	Salisbury Plain	1016·0	46	SE	4	c	1020·4	+1	40	+1	SSE	2	-	†	*	2	53	34	o.c	cp	fx	*
	London (Kew Obsy.)	1016·6	51	SE	2	o	1021·0	+1	34	-5	-	0	-	bcfx	*	0·2	55	32	omr.cm	cm.c.or.o	o.bc.bcfx	0·3
NORTHERN EUROPE.	Spitsbergen ...												*		*	*						
	Vardö															*						
	Bodö	1021·6	36	E	1	b	1018·6	-2	36	+6	E	1	-	bc	1	-	39	28				
	Christiansund ...	1022·4	37	-	0	†	1021·1	+1	39	+3	-	0	-	o	3	-	41	32				
	Skudesnaes ..	1023·0	37	SE	3	o	1022·2	+1	37	0	ESE	3	-	o	2	-	39	36				
	Færder (X'tania Fjord)	1026·3	34	N	1	b	1025·2	-1	32	+4	SW	1	-	†	1	-	34	28				
	The Scaw (Skagen)	1025·4	32	SSE	2	†	1025·0	0	30	-4	S	2	-	†	2	-	34	30				
	Blaavands Huk	1024·2	43	SE	2	b	1025·1	+1	32	-5	SE	2	-	b	*	-	52	28				
	Copenhagen ...	1026·8	36	ESE	2	b	1027·1	+1	28	-4	SE	2	-	†	*	-	37	28				
	Bornholm ...	1026·0	30	ESE	4	†	1026·2	+1	28	-2	E	3	-	†	0	-	32	27				
FRANCE, &c.	The Helder ...	1019·9	43	NE	1	b	1021·9	+2	39	0	SE	1	SW	c	0	-	50	37				
	C. Gris Nez ...	1016·4	50	SW	1	bc	1021·9	+3	47	+6	S	1	*	b	0	-	55	45				
	La Hêve	1018·0	51	SE	1	b	1022·0	*	43	-3	SSE	1	*	bc	1	-	54	43				
	Brest (St. Mathieu)	1014·8	48	S	4	b	1021·1	+4	45	+2	SE	3	*	m	5	-	52	45				
	Rochefort (Ile d'Aix)	1014·8	54	-	0	c	1021·5	+4	44	+1	SSE	3	*	b	*	-	59	43				
	Biarritz	1012·8	57	NE	1	o	1020·7	+5	51	+5	NNE	4	*	o	5	-	63	50				
	Paris	1018·0	54	-	0	bc	1023·6	+4	37	-11	-	0	-	b	*	Trace	61	36				
	Belfort	1017·6	51	E	3	c	1024·6	*	41	+4	-	0	*	b	*	-	61	36				
	Lyons	1017·0	53	-	0	c	1023·5	*	42	0	-	0	*	b	*	-	62	37				
	Nice	1019·2	49	-	0	c	1022·3	+3	50	+2	-	0	*	b	3	-	59	41				
	Perpignan ..	1016·6	50	NE	1	r	1020·8	+4	48	+3	NW	1	SE	o	*	13	55	46				
	Sanguinaire ...	1015·8	57	SSE	3	c	1020·7	*	54		SSE	2	*	bc	2	-	66	43				
SOUTHERN STATIONS.	Corunna																					
	Madrid														*							
	Lisbon	1016·7	54	NW	2	o	1020·2	+1	52	-2	-	0	-	o	6	3	57	52				
	Azores (Horta) ...	1014·4	*	SW	7	r	1017·1	+3	57	-2	WSW	6	*	o	4	2	61	57				
	Madeira	1020·3	63	N	3	r	1024·2	0	55	-2	N	1	-	b	1	-	63	55				
	Gibraltar	1019·3	57	W	4	o	1018·6	*	55		NW	7	*	c	4	5	62	48				
	Malta	*	*	*	*	*	1017·6	+3	55	0	E	4	-	b	4	-	57	54				
	Limassol	*	*	*	*	*	1009·8	0	52	0	WNW	1	-	o	0	6	61	45				
	Alexandria ...	1015·9	57	NW	2	b	1016·3	+1	59	0	-	0	W	bc	1	-	68	50				
	Cairo (Helwan) ...	1015·2	59	N	2	b	1016·4	+3	52	-2	NW	1	-	b	*	-	64	48				

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging.
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

LONDON — 18th March ... 9h. G.M.T.

	Humidity 15 h. 17th	Humidity 9 h. 18th	Sunshine for 17th	24 hours ended 9 h. 18th: Temperature Max.	Min.	Min. on Grass	Rainfall	Weather Morning	Afternoon	Night
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	72	81	2·6	55	37	25	-	o	o.c.o	o.bc.d
CITY (Bunhill Row)	*	*	2·0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	98	92	1·2	54	*	31	-	dm	om	bm.bc
CAMDEN SQ. (British Rainfall) ..	*	93	1·3	55	34	28	-	*	*	*
S. KENSINGTON (Museum Grounds)	*	84	1·3	54	40	*	-	o	c. o.	od.c.o

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during .. 17th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
580	13·4	52

The thermometers at Greenwich and Camden Square are in Glaisher screens.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,571 TUESDAY, 19TH MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Rainfall was mainly confined to the west and north-west districts, where Valencia (Cahirciveen) had 13 mm., chiefly during the night. 7 hours or more of sunshine were registered in the south-east of England, and at isolated stations in other districts (Malvern 9 hours). Temperature was moderate, the maximum lying between 50° and 55° F. in most localities.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 18TH MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 18TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	51	38	o.c	bc.c	2.4
	Montrose	-	-	47	39	o	o	1.5
	St. Andrews	-	-	52	33	o	bc	4.9
Eng. N.E.	Harrogate	-	-	50	32	bc	bc.o	0.8
	Skegness	-	-	56	36	bc	bc.o	6.0
England, E.	Felixstowe	-	-	51	32	bc	bc.m	7.5
	Southend-on-Sea	-	-	53	39	bc	bc.c	5.9
England, S.E.	Margate	-	-	61	40	c.bc	bc.c	7.5
	Hastings	-	-	53	41	bc.b	b.bc	7.3
	Eastbourne	-	-	50	33	b.bc.b	b.bc	5.5
	Seaford	*	*	53	39	b	c	4.5
	Worthing	-	-	52	35	bc	c	3.3
	Littlehampton	-	-	49	38	*	*	2.8
	Bournemouth	0.1	-	56	40	bc	bc	4.7
Sc'tld W.	Oban	-	0.3	48	39	c.o	p.o	0.6
Eng. N.W.	Morecambe	-	3	52	39	*	*	3.0
	Southport	-	3	52	38	o.bc.co	or.c.bc.b	4.0
Midlands	Malvern	-	-	53	42	m.bc	bc	9.0
	Ross-on-Wye	-	-	56	42	bc.b	b	5.4
Wales.	Rhyl	-	-	52	39	bc.c	bc.cb	4.5
	Colwyn Bay	-	-	51	41	c	bc	1.8
	Llandudno	*	*	54	43	c	c.b	5.5
	Aberystwyth	*	*	50	39	o.cb	c.o.o	2.0
England, S.W.	Weymouth	*	*	55	42	bc	bc.cm	4.5
	Torquay	0.1	-	53	41	bc.b	b.o.c	4.4
	Paignton	*	*	54	37	bc	o	4.0
	Penzance	-	-	57	47	bc	c.o	6.0
	Newquay	-	-	54	42	b	b.bc	5.2
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 18TH MARCH

	STATIONS.	Evening of 17TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 18TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö														*	
	Yuriev															
	Petrograd															
	Vijni Volotchok															
	Gorki							*							*	
	Moscow														*	
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice	1021.4	48	Calm	0	b	1023.7	*	43	+4	N	1	b	-	50	39
	Turin	1022.9	46	Calm	0	b	1024.6	*	43	+2	Calm	0	b	-	55	39
	Pesaro	1021.8	41	Calm	0	b	1024.6	*	41	-4	Calm	0	b	-	50	32
	Leghorn	1019.7	52	Calm	0	bc	1020.9	*	50	+2	NE	1	b	-	59	46
	Rome	1020.2	50	Calm	0	c	1022.2	*	43	0	N	1	b	-	59	41
	Viesti	1019.8	48	NNW	3	b	1023.1	*	46	0	WNW	1	b	-	55	41
	Brindisi	1021.2	50	NW	3	b	1019.4	*	52	0	NE	4	bc	-	52	50
	Cagliari	1015.0	59	SE	4	r	1017.9	*	55	0	S	4	r	4	63	48
	Palermo	1017.0	50	Calm	0	0	?1019.3	*	46	+3	calm	0	b	-	63	43
	Tripoli	1013.3	57	SE	1	0	1016.1	*	55	+8	E	2	r	16	71	47
	Algiers	1017.0	54	Calm	0	b	1017.9	+1	52		Calm	0	c	-	63	48
Sweden.	Hernösand	1024.8	34	Calm	0	bc	1019.4	*	23		Calm	0	b	*	*	*
	Stockholm	1027.5	36	SSE	2	b	1025.4	*	28	-6	SSW	2	b	*	*	*
	Wisby	1028.8	30	W	2	f	1027.2	*	28	-6	SW	2	0	*	*	*

Morning of 18TH MARCH

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1004.3	34	-2	E	3	b
Reykjavik	998.3	39	+2	E	5	c
Vestmanna	997.4	41	+2	E	7	r
Seydisfjord	1011.6	34	-2	Calm	0	s
Thorshavn	1009.4	41	+2	SE	3	m

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom

19TH AND 20TH MAR 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	6.0	12.1	6.2
	5.58	12.1	6.3
Greenwich	6.7	12.8	6.9
	6.5	12.8	6.10
Wick	6.20	12.20	6.20
	6.18	12.20	6.21
Valencia	6.48	12.49	6.50
	6.46	12.49	6.51

‡ The barometric change is expressed in half millibars.

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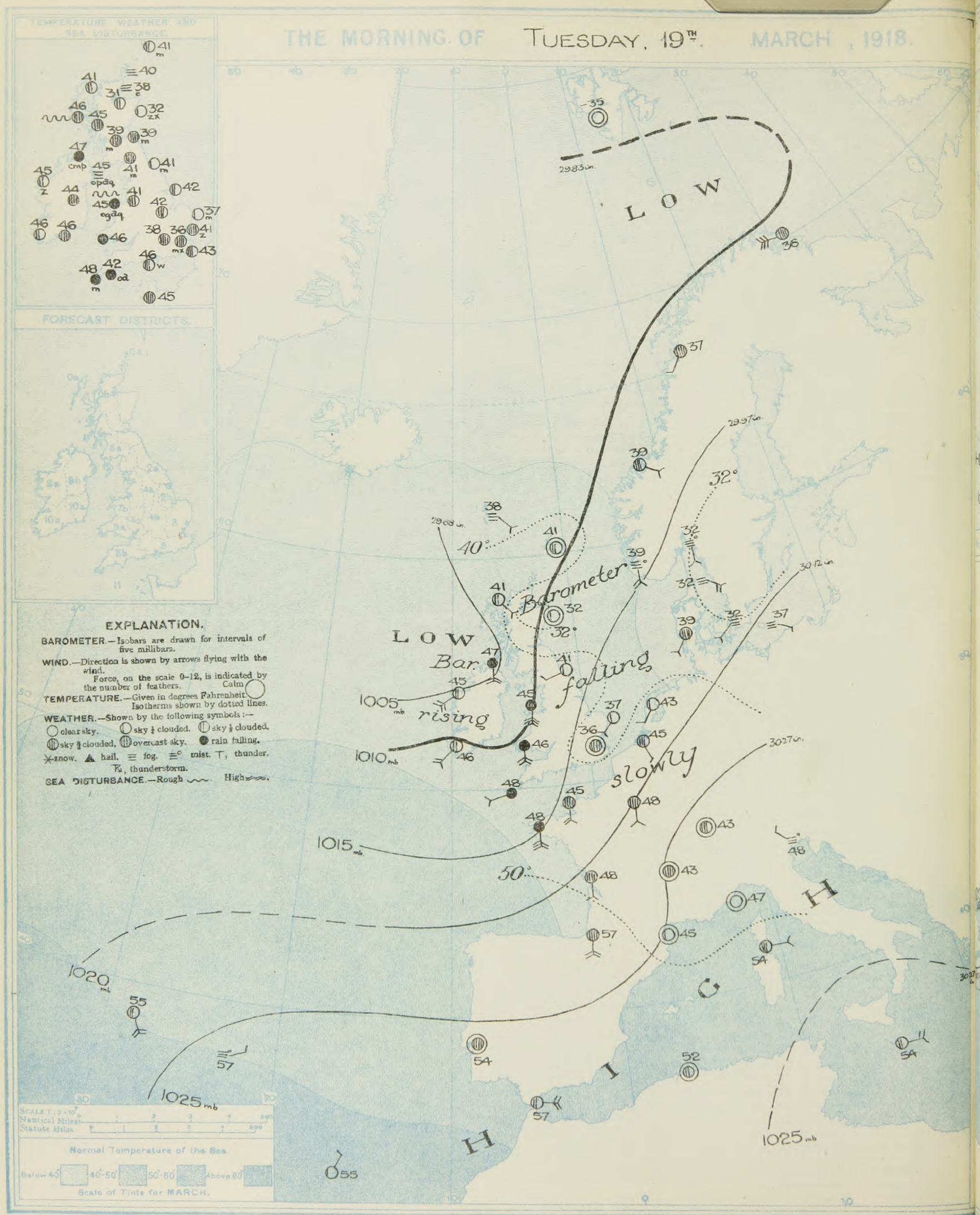
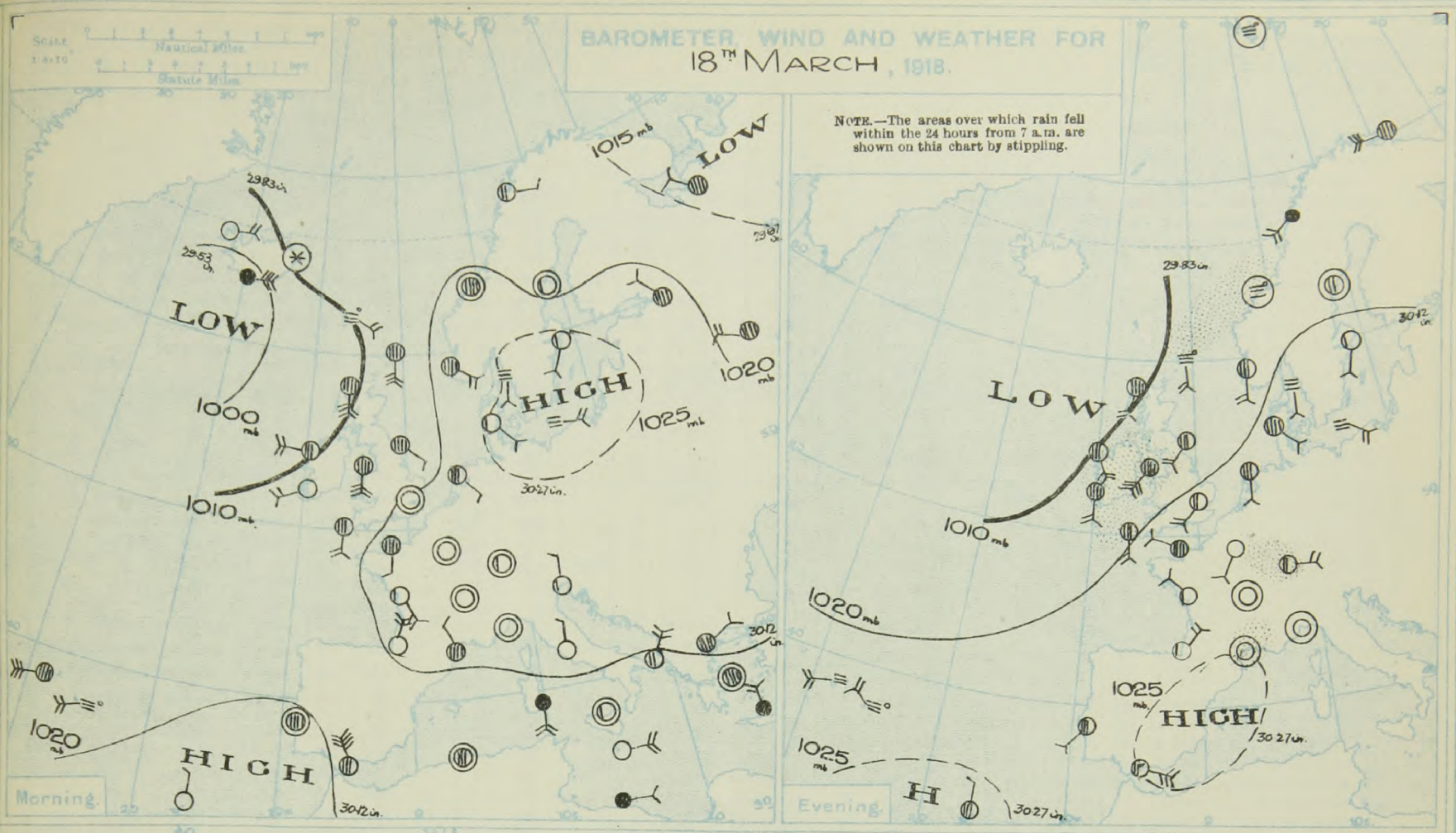
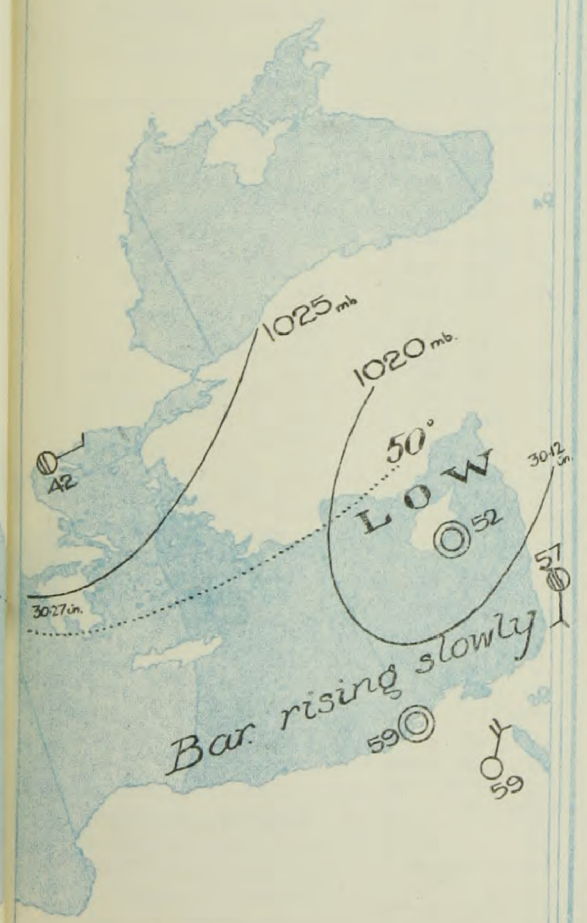
THE MORNING OF TUESDAY, 19TH. MARCH, 1918.







The Present Situation

A fresh shallow secondary which developed off the west of Ireland is travelling north-eastward. Winds continue to be mainly Southerly. Pressure has fallen generally since yesterday over NW. Europe, but remains high in the Mediterranean. The depression over Northern Syria is filling up without change of position.

The General Outlook

There is no indication of any important change of type. Winds are likely to continue mainly South and South-West, veering temporarily to West on the extreme Western coast. Weather will probably become rather milder, with slight falls of rain, chiefly in the western districts.

H. H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 78. TUESDAY 19TH MARCH

	STATIONS.	Evening of 18th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 19th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 A.M. 19th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 18th. Hours.
BRITISH ISLANDS.	Lerwick ...	1011·3	43	S	3	f.	1009·4	0	41	0	Calm	0	–	bcm	0	1	44	38	om.	f.	f bm	*
	Deerness (Orkney)	1010·8	43	S	4	cm.	1009·8	*	40	-1	E	2	–	f	2	–	44	38	om.	ocm.	c.omf	1·4
	Stornoway ...	1009·9	45	SSW	3	o	1006·1	-3	41	-5	SE	2	–	cbc	2	–	48	35	og.	og.	cbc	0·2
	Castlebay (Barra Isd.)	1010·9	49	W	2	b	1004·5	-2	46	+1	SE	4	–	op	5	1	50	44	om.c	c.b.,	bc.op	5·3
	Glasgow ...	1012·6	45	WSW	1	om.	1009·7	-4	39	-3	E	2	–	om	*	1	47	35	op.com	odp.om	c.b.opm	0·2
	Eskdalemuir ...	1013·6	43	SSW	3	odm	1011·0	-3	41	+4	S	4	–	om	*	7	45	37	omg.op	o.omm.	ofg.om	0·0
	Malin Head ...	1011·7	46	W	2	bc	1003·5	-5	47	+7	S	4	SW	cmp	3	1	50	48	cmp	bc	cg	5·9
	Blacksod Point	1010·0	49	SSE	4	c	1005·6	+4	45	-2	SW	4	W	bcg	4	3	52	44	bc	bc	cmom	*
	Valencia (Cahirciveen)	1011·9	51	S	3	o	1010·3	+4	46	-2	SW	3	W	bc	4	13	57	44	bc.c	c.odo	om.oc	6·1
	Roche's Point	1015·6	47	S	4	o	1009·9	*	46	-1	SW	3	–	o	3	3	53	46	od.bco	of.dom	odo	*
	Birr Castle ...	1013·3	50	S	1	c	1009·1	*	44	-1	SSW	1	–	o	*	1	59	43	c	c	cpo	7·9
	Donaghadee ...	1013·4	51	W	2	bcg	1008·1	-4	45	+1	S	4	–	ofpdq	3	3	54	41	omgp	cmq.	bc.ofp	*
	Liverpool (Bidston)	1016·4	48	SW	3	b	1011·8	-2	41	0	SE	2	SE	c	2	1	52	41	op	c.b	co	2·8
	Holyhead ...	1015·4	46	SW	6	ogm	1009·4	-6	45	0	S	6	–	og.dq	5	2	49	44	cpogr	c.ogm	og.dq	2·2
	Pembroke (St. Ann's)	1018·3	47	SSW	4	c	1010·9	-4	46	+1	S	4	–	r	4	1	48	45	c.cp	cpc	c.opd	0·5
	Hartland Quay	1019·9	48	SSW	3	bc	1012·2	-2	46	+1	S	3	–	r	4	2	52	44	o.b.bcc	o.c	od.	*
	Scilly (St. Mary's)	1019·9	49	S	3	c	1012·0	-3	48	+1	WSW	2	–	mr	4	2	53	46	cbc	c	comr	5·0
	Falmouth ...	1020·2	48	SSW	2	c	1012·0	-4	42	-3	S	3	–	od	*	1	53	44	c.bc	c.o.c	c.o.od	3·6
	Jersey (St. Aubin)	1022·1	52	WNW	2	og	1016·6	*	45	+5	S	3	–	o	3	–	55	40	omb	b.og	og.b.o	3·0
	Portland Bill ...	1020·7	45	SW	3	fo	1015·4	-3	46	+1	WSW	3	W	cfo	3	–	50	42	bc	bcf	c	*
	Dungeness ...	1021·7	46	SW	3	bc	1017·1	-3	43	0	S	1	–	c	2	–	51	41	bc	bc	bcc	*
	Dover	*	*	*	*	*													*	*		
	Wick	1011·4	43	SSE	1	cm	1009·8	-1	38	-2	Calm	0	–	f	1	0·1	46	30	omg	omg.om	bcxfe	0·1
	Nairn	1010·4	45	S	1	bcm	1008·6	*	31	-12	Calm	0	–	bc	0	–	51	29	cm	c.bc.m	bcmx	0·9
	Aberdeen ...	1012·7	44	S	2	bcm	1010·9	-1	32	-9	Calm	0	–	bgx	2	–	46	32	om	o.bcm	bcbgx	0·2
	Leith	1012·1	48	SW	1	c	1010·6	-1	39	-1	SE	1	–	om	1	0·2	51	37	odcbc	cbc.uc	c.bcfo	*
	Tynemouth ...	1014·6	45	SW	3	m	1012·1	-2	41	+2	WSW	1	W	bm	3	2	52	39	cm	cmp	cmbm	*
	Spurn Head ...	1018·0	48	SW	1	cm	1015·4	-1	42	+2	SW	2	–	bc	3	TRACE	59	39	bc	cpcm	bc	3·6
	Yarmouth (Gorleston)	1018·8	49	SSW	4	c	1016·8	-2	37	-1	SW	2	–	bm	2	–	58	36	bmbc	bc.cm	bcmbm	7·0
	Clacton-on-Sea	1020·9	48	SSW	2	cg	1017·5	-2	41	-3	SSW	1	–	og	1	–	51	39	bcog	cbc.og	bcogx	6·7
	Nottingham ...	1018·3	51	SW	2	o	1015·0	*	42	-3	SW	2	S	c	*	–	55	39	oc	c.o	o.c	2·5
	Benson (Oxon.) ...	1020·1	50	SW	2	bc	1015·2	-4	38	+3	SSE	1	–	o	*	–	50	35	bc	b	b.om	*
	Sth Farnborough	1021·1	49	SSW	4	c	1016·7	-3	38	0	Calm	0	–	ofe	*	–	57	32	fe.bcc	cbcc	c.ofe	4·9
	Salisbury Plain	1020·9	46	SW	4	c	1015·3	-5	41	+1	S	4	–	f	*	–	55	39	bcc	bcc	ofe	*
	London (Kew Obsy.)	1020·9	51	S	4	bc	1016·5	-3	36	+2	Calm	0	–	omx	*	–	57	34	bcfx	bcmbc	bcmom	4·1
NORTHERN EUROPE.	Spitsbergen ...	1011·5	-24	Calm	0	m	1011·2	+1	-35	-27	ESE	5	*	f	*	*	-6	-38				
	Vardö	1018·0	30	W	5	o	1010·3	-3	36	0	W	6	–	o	4	*	?	25				
	Bodö	1015·1	36	SW	4	r	1011·8	-1	37	+1	SW	1	–	o	1	–	39	32				
	Christiansund ...	1017·8	41	Calm	0	m	1012·4	-1	39	0	ESE	2	–	c	3	1	43	39				
	Skudesnaes ..	1017·9	37	S	3	c	1013·5	-3	39	+2	S	3	–	m	3	–	39	36				
	Færder (X'ania Fjord)	1022·3	32	SSW	2	f	1017·9	-2	32	0	S	2	–	m	2	–	32	30				
	The Scaw (Skagen)	1022·7	30	S	2	f	1016·8	-2	32	+2	SE	3	–	f	3	–	32	30				
	Blaavands Huk	1021·6	41	SE	2	o	1017·1	0	39	+7	SSW	2	–	o	*	trace	45	30				
	Copenhagen ...	1025·2	32	SE	1	f	1019·4	-3	32	+4	SW	2	–	f	*	–	32	28				
	Bornholm ...	1024·2	28	SE	3	f	1020·4	-2	27	-1	ESE	1	–	f	0	–	30	23				
FRANCE, &c.	The Helder ...	1021·1	45	S	2	c	1017·5	-1	43	+4	SSW	1	W	b	1	1	50	39				
	C. Gris Nez ...	1021·9	50	SSW	1	o	1017·8	-3	46	-1	S	2	*	o	1	–	57	45				
	La Hêve	1023·9	52	N	1	o	1018·6	*	47	+4	SW	3	*	o	2	–	63	43				
	Brest (St. Mathieu)	1022·6	50	SSE	2	c	1014·6	-4	48	+3	S	5	*	r	2	2	52	45				
	Rochefort (Ile d'Aix)	1023·6	50	NW	2	b	1020·8	-1	48	+4	S	2	*	o	*	–	61	44				
	Biarritz	1022·3	53	NE	3	b	1022·6	+1	57	+6	S	3	*	o	2	–	61	50				
	Paris	1023·6	58	SSW	2	b	1020·0	-2	48	+11	S	2	–	o	*	3	66	37				
	Belfort	1024·6	55	E	3	bc	1026·8	*	43	+2	Calm	0	*	c	*	6	63	37				
	Lyons	1023·8	58	Calm	0	b	1025·2	*	43	+1	Calm	0	*	o	*	–	66	41				
	Nice	1024·8	47	Calm	0	b	1026·7	+1	47	-3	Calm	0	*	b	2	–	59	41				
	Perpignan ..	1025·2	52	Calm	0	b	1025·0	-1	43	-5	Calm	0	N	b	*	4	59	41				
	Sanguinaire ...	1023·2	64	NW	1	b	1026·6	*	54	0	E	2	*	c	2	–	64	46				
SOUTHERN STATIONS.	Corunna														*							
	Madrid																					
	Lisbon	1024·0	57	SW	2	c	1026·8	+2	54	+2	Calm	0	–	o	6	–	59	52				
	Azores (Horta) ...	1022·0	*	WSW	4	f	1023·5	0	55	-2	SE	4	*	bc	2	–	63	54				
	Madeira	1025·2	59	N	1	c	1026·0	-1	55	0	N	1	N	b	1	–	63	55				
	Gibraltar	1025·0	58	E	5	bc	1028·1	*	57	+2	E	4	*	o	3	–	65	54				
	Malta	*	*	*	*	*	1023·5	+3	54	-1	E	3	–	bc	4	1	57	52				
	Limassol	*	*	*	*	*	1018·4	+3	52	0	Calm	0	–	b	0	trace	61	43				
	Alexandria ...	1018·6	57	NNE	2	b	1021·0	+1	59	0	Calm	0	–	b	0	–	68	50				
	Cairo (Helwan) ...	1016·3	63	N	1	b	1020·3	+4	59	+7	NE	3	–	b	*	–	72	52				

LONDON 19th MARCH 9h. G.M.T.	Humidity. 15 h. 18th	Humidity. 9 h. 19th	Sunshine for 18th	24 hours ended 9 h. 19th: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	66	91	5·5	61	36	24	0	c	c	bc
CITY (Bunhill Row)	*	*	2·9	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	97	94	4·9	59	*	32	0	bc.o	o	o.bcbm
CAMDEN SQ. (British Rainfall) ..	58	81	3·7	59	36	31	0	bcp	bpc	*
S. KENSINGTON (Museum Grounds)	*	88	4·9	59	39	*	0	bcg	bc	bg

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 18th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
980	22·7	61

The thermometers at Greenwich and Camden Square are in Glaisher screens.

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging.
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29,572 WEDNESDAY, 20TH MARCH ....1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Small quantities of rain were reported from nearly all stations. Sunshine was very deficient in the eastern and south-eastern districts, but more than 8 hours was recorded at some western stations. Temperature showed little change from the previous day, being generally moderate.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 19TH MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 19TH
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	54	30	bc	bc.c	4·0
	Montrose	-	-	47	32	o	o	0·0
	St. Andrews							
Eng. N.E.	Harrogate	-	1	54	40	bc.o	o	0·8
	Skegness	-	trace	58	36	bc	o	1·4
England, E.	Felixstowe	-	1	49	35	cm.bc	cm.or	0·3
	Southend-on-Sea	-	2	50	38	o	or	0·0
England, S.E.	Margate	-	3	54	42	o	or	0·0
	Hastings	-	1	50	41	o.c	od	0·3
	Eastbourne	-	1	50	38	o.c	or.d	0·0
	Seaford	*	*	49	39	o	r	0·0
	Worthing	-	4	48	40	o	r	0·0
	Littlehampton							
	Bournemouth	-	1	49	41	o	o	0·0
Scotland W.	Oban	-	-	42	38	op	bc.o	1·2
Eng. N.W.	Morecambe					*	*	
	Southport	0·4	3	46	40	or.o	or.c	0·1
Midlands.	Malvern							
	Ross-on-Wye	-	5	51	40	or	rc.bc	0·2
Wales.	Rhyl	1	1	52	42	bc.p	op.bc	0·5
	Colwyn Bay	-	2	?	43	cp	p.bc	0·9
	Llandudno	*	*	51	45	b.r	rc	2·0
	Aberystwyth	*	*	49	44	r.oc	oc.c	0·7
England, S.W.	Weymouth	*	*	51	43	cp	cbcg	0·6
	Torquay	1	3	54	45	or	ocb	3·7
	Paignton	*	*					
	Penzance	7	-	56	47	cbc	b	8·0
	Newquay	3	4	51	45	r.b	b	6·2
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 19TH MARCH

	STATIONS.	Evening of 18TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 19TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö														*	
	Yuriev															
	Petrograd															
	Vijni Volotchok															
	Gorki							*							*	
	Moscow														*	
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice	1025·3	48	Calm	0	b	1026·9	*	43	0	Calm	0	m	-	55	39
	Turin	1025·0	48	Calm	0	b	1027·0	*	43	0	Calm	0	c	-	59	41
	Pesaro						1027·9	*	46	+5	Calm	0	b	-	52	34
	Leghorn	1024·5	50	Calm	0	b	1025·8	*	46	-4	Calm	0	b	-	61	43
	Rome	1025·7	50	Calm	0	c	1027·3	*	43	0	N	1	b	-	59	41
	Viesti	1024·6	48	WNW	1	b	1027·0	*	45	-1	Calm	0	b	-	55	45
	Brindisi	1024·1	54	NW	1	b	1025·9	*	50	-2	W	2	b	-	54	50
	Cagliari	1021·8	59	SE	3	o	1025·9	*	54	-1	NW	3	b	1	66	48
	Palermo	1021·8	50	Calm	0	b	1025·9	*	50	+4	Calm	0	bc	-	59	41
	Tripoli	1021·3	57	ENE	4	o	1022·7	*	57	+2	ENE	4	o	trace	61	54
	Algiers	1023·1	52	Calm	0	bc	1027·9	+4	52	0	Calm	0	bc	5	61	48
Sweden.	Hernösand	1017·1	36	Calm	0	bc	1015·0	*	28	+5	Calm	0	b	*	*	*
	Stockholm	1021·2	39	SSW	2	bc	1018·2	*	34	+6	WSW	2	bc	*	*	*
	Wisby	1024·2	28	SW	2	o	1019·8	*	30	+2	SW	2	b	*	*	*

Morning of 19TH

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	9999	34	0	Calm	0	o
Reykjavik	9955	41	+2	E	3	r
Vestmanna	9958	39	-2	SSE	3	c
Seydisfjord	1003·0	30	-4	Calm	0	c
Thorshavn	1007·0	38	-3	SE	2	f

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

20TH AND 21ST MAR 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.58 / 5.56	12.1 / 12.0	6.3 / 6.4
Greenwich	6.5 / 6.3	12.8 / 12.7	6.10 / 6.11
Wick	6.18 / 6.16	12.20 / 12.19	6.21 / 6.23
Valencia	6.46 / 6.44	12.49 / 12.48	6.51 / 6.52

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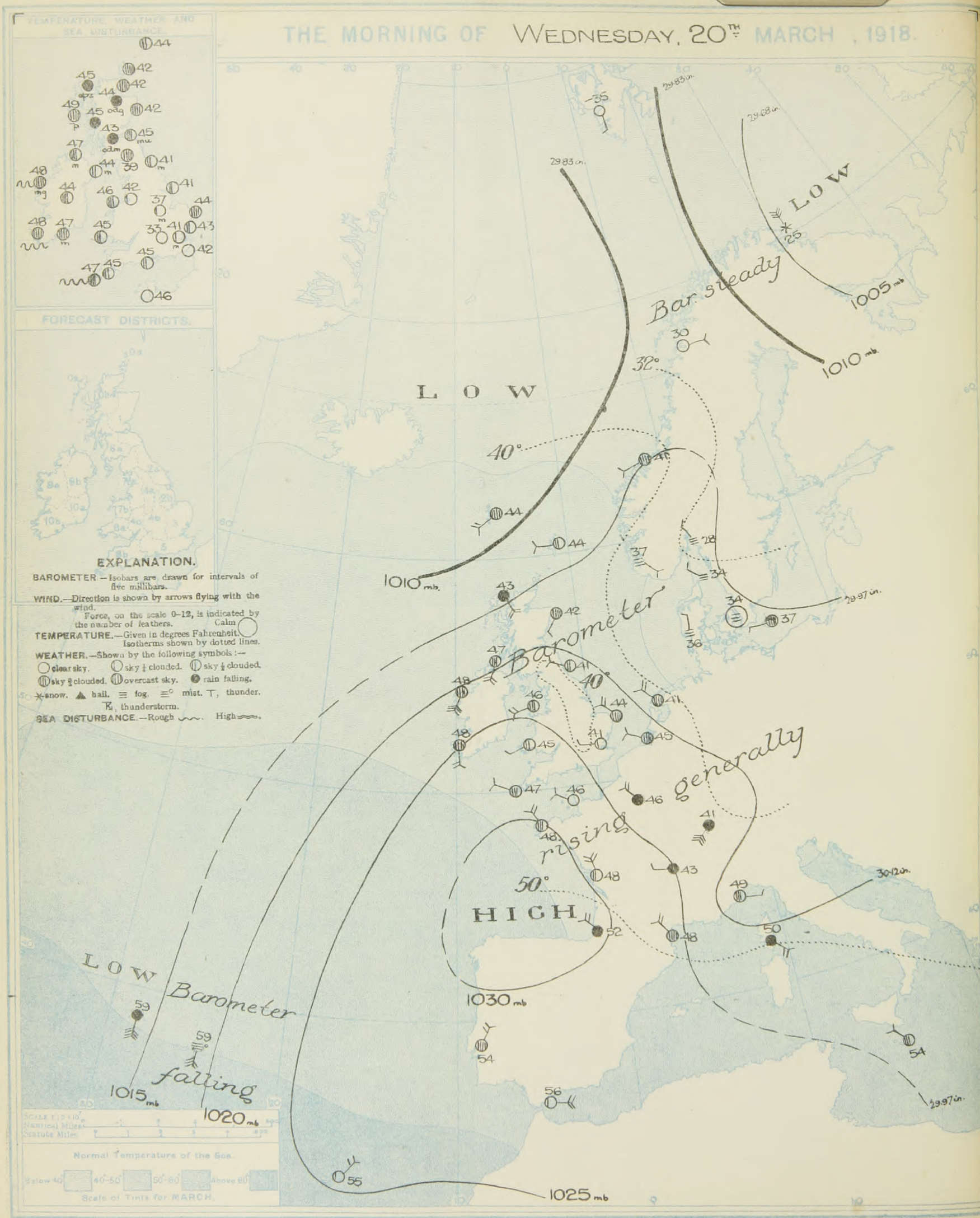
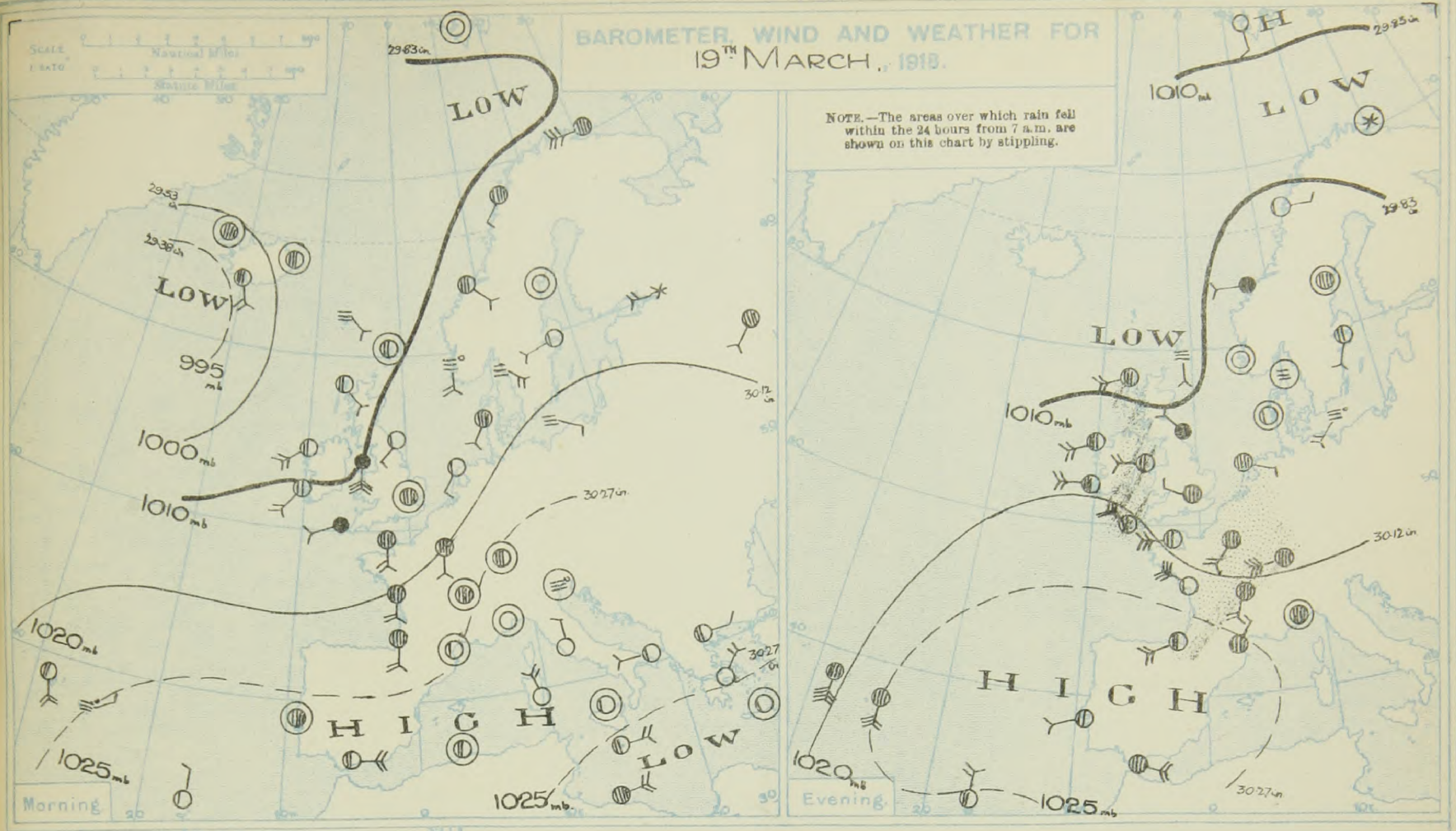
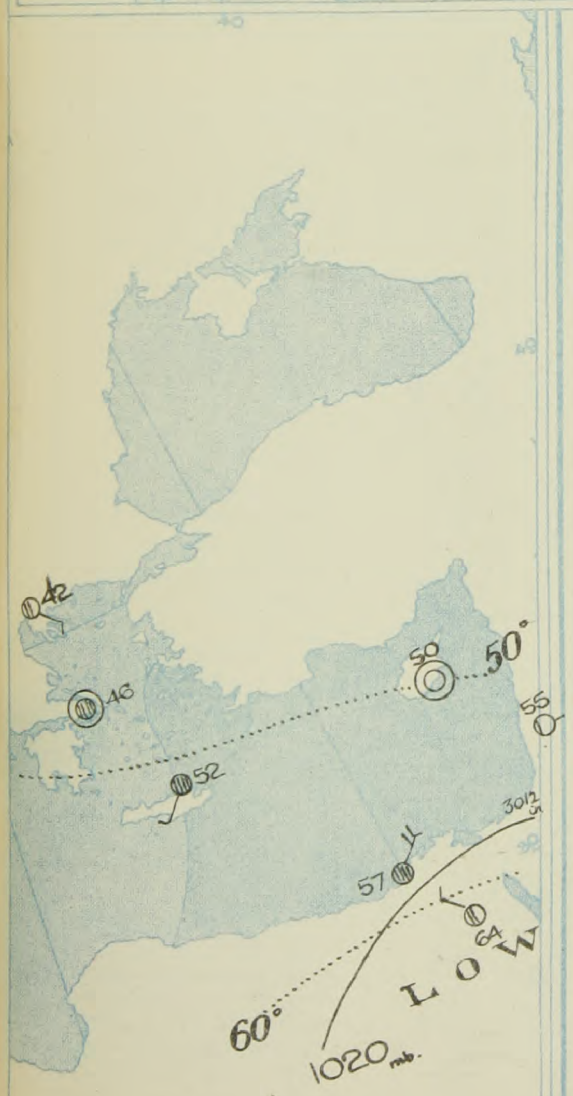
‡ The barometric change is expressed in half-millibars.

THE MORNING OF WEDNESDAY, 20TH MARCH, 1918.







The Present Situation

A shallow V-shaped depression which crossed the British Isles yesterday has passed to the eastern side of the North Sea, causing NW. winds immediately in its rear. The wind has again backed to S. in the west of Ireland, and the presence of an extensive depression is indicated out on the Atlantic. Over Southern Scandinavia, Denmark and the Western Baltic winds have become very light, and there is general fog. An anticyclone lies over the Bay of Biscay and the Iberian Peninsula, and extends northward over our Southern districts.

The General Outlook

It is probable that the influence of the depression on the Atlantic will extend over the British Isles during the day, causing a general return to the South-Westerly type of distribution, weather becoming rainy in the west and north, and less fair in the south and east.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

STATIONS.	Evening of 19TH: Barom. Millibars at M.S.L.	Evening: Temp. °F.	Evening: Wind Direc.	Evening: Wind Force 0-12.	Evening: Weather.	Morning of 20TH: Barometer Millibars at M.S.L.	Morning: Change in 3 hours. ‡	Morning: Temp. Dry Bulb. °F.	Morning: Change in 24 hours. °F.	Morning: Wind Direc.	Morning: Wind Force 0-12.	Direc. of Upper Cloud.	Morning: Weather.	Sea 0-9.	24 Hours ended 7 A.M. 20TH: Rainfall Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 19TH Hours.
BRITISH ISLANDS.																					
Lerwick	1009.4	40	S	2	f	1012.9	+1	44	+3	W	2	-	bc	2	0.3	47	38	bc.f	f	f.bc	*
Deerness (Orkney)	1008.1	43	SE	3	cz	1014.9	*	42	+2	S	2	-	o	2	-	45	40	f	f8cz	c.o	2.5
Stornoway	1008.3	47	WSW	4	c	1013.6	-	43	+2	SSE	4	-	opz	3	5	49	40	o.op	o.cp	c.opz	0.5
Castlebay (Barra Isd.)	1010.3	47	W	3	b	1016.5	+2	49	+3	W	4	-	op	4	4	49	45	op.c	c.b	b.op	4.2
Glasgow	1011.8	47	W	2	cm	1020.7	+2	43	+4	SW	2	-	odm	*	1	48	39	odp.om	odp.cm	c.b.opm	0.1
Eskdalemuir	1012.5	43	WSW	3	ome	1022.1	+4	39	-2	S	2	-	o	*	2	43	38	om.odm	odm	ome.b.o	0.0
Malin Head	1012.2	47	WSW	5	bcm	1019.1	+2	47	0	SSW	4	W	cm	4	0.1	50	44	bcm	bcm	om	8.3
Blacksod Point	1017.2†	47	WSW	4	cz	1020.2	+1	48	+3	SSW	6	-	omg	6	-	51	44	bcz	bcz	om.omg	*
Valencia (Cahirciveen)	1019.9	51	W	4	c	1025.0	+1	48	+2	S	3	-	o	5	-	53	46	bc.c	c.bc	bc.c.o	7.4
Roche's Point	1018.8	50	NW	4	c	1026.4	*	47	+1	SW	2	-	om	3	1	56	43	o.bc.c	bc.pc	b.om	*
Birr Castle	1018.6	48	W	2	c	1024.3	*	44	0	W	1	-	c	*	-	55	43	c	c	c	8.1
Donaghadee	1013.0	48	W	2	bc	1021.1	+4	44	-1	SW	4	SW	bcm	3	1	56	40	of.pdq	cg.bcp	bc.bmw	*
Liverpool (Bidston)	1012.8	45	W	3	c	1024.1	+4	42	+1	W	3	W	b	3	5	46	41	or	c	bcx	0.0
Holyhead	1014.0	50	W	3	bc	1024.5	+4	46	+1	WSW	3	NW	c	2	2	52	44	dpdcp	c.bc.b	bc.b.bc	2.4
Pembroke (St. Ann's)	1016.1	48	W	3	bc	1027.0	+4	45	-1	WSW	1	-	b	3	3	49	45	omr.bc	bc	b.bcw	4.7
Hartland Quay	1017.9	48	W	3	bc	1028.1	+4	46	0	S	1	NW	m	3	5	51	45	od.or.o	o.b.o.bc	b.of.c	*
Scilly (St. Mary's)	1020.5	50	WNW	5	m.	1028.8	+1	47	-1	WNW	2	NW	c	6	3	53	47	cp.bc.b	b.bcm	bc.wc	8.5
Falmouth	1019.6	49	W	5	bq	1028.6	+4	45	+3	NW	3	-	bc	*	-	54	42	or.bcq	bq	b.bc	7.1
Jersey (St. Aubin)	1017.8	49	W	5	bc	1027.9	*	46	+1	WNW	2	-	b	2	8	52	45	or.b	b.bc	o.bc.o	4.2
Portland Bill	1014.7	47	NW	5	bc	1026.4	+6	45	-1	NW	3	-	bc	3	2	48	43	cr	bc.c	bc	*
Dungeness	1012.3	44	ENE	1	om	1022.2	+5	42	-1	W	3	-	b	3	5	51	41	cp *	cp.or *	c.or.c.b	*
Dover	*	*	*	*	*																
Wick	1008.2	44	SSW	1	cm	1015.8	+2	42	+4	SSW	3	-	o	2	-	46	38	fe.cm	cm	cm.b.o	*
Nairn	1008.6	49	S	1	bc	1016.0	*	44	+13	Calm	0	-	odg	-	1	50	30	bc.c	c.b.cm	bc.cp	1.3
Aberdeen	1009.9	45	WSW	1	cz	1018.3	+3	42	+10	SSW	1	-	oz	2	-	52	32	bz.bc	bc.cz	bz.b.o	2.6
Leith	1011.0	48	W	1	c	1019.3	+2	45	+6	W	1	W	c	1	1	50	39	om.o.c	c.do.c	c.bc.mc	*
Tynemouth	1011.2	48	NW	2	mr	1021.2	+3	41	0	WNW	2	NW	bcm	3	-	51	40	cm	cm	bcm.	*
Spurn Head	1012.6	45	W	2	o	1021.9	+4	41	-1	NW	4	-	bc	3	1	50	39	c	c.o	or.bc	0.5
Yarmouth (Gorleston)	1012.3	44	Calm	0	o	1021.0	+6	44	+7	NW	3	-	o	3	-	50	37	bm.bcm	bc.mo	om.o	2.5
Clacton-on-Sea	1012.7	44	SSW	2	ogmr	1022.3	+5	43	+2	WNW	3	-	bc	2	2	48	40	ozgm	og.mr	ogd.bc	0.0
Nottingham	1012.7	46	SW	1	r	1023.9	*	37	-5	SW	1	NW	bc	*	2	48	36	c.or	ro	r.o.c	0.0
Benson (Oxon.)	1012.8	45	W	3	r	1024.9	+6	33	-5	Calm	0	-	b	*	2	49	32	o	or	ordx	*
Sth Farnborough	1012.9	46	WNW	3	or	1025.3	+6	39	+1	WNW	2	NW	b	*	2	51	37	fe.or.o	o.od.or.	or.o.b	0.0
Salisbury Plain	1014.3	46	WNW	4	o	1026.3	+6	37	-4	WNW	4	N	bc	*	2	49	36	odr.	orq	bx bm	*
London (Kew Obsy.)	1012.9	48	WNW	1	om	1024.7	+7	41	+5	W	1	N	bm	*	1	52	36	omx.omr	o.or.om	om.or.bc	0.0
NORTHERN EUROPE.																					
Spitsbergen	1012.2	-35	S	1	b	1013.1	-	-35	0	S	1	*	b	*	*	-29	-38				
Vardö	1005.8	27	Calm	0	s	1004.2	-	25	-11	N	6	-	s	2	*	39	25				
Bodö	1011.8	36	E	1	bc	1011.8	-	30	-1	E	2	-	b	-	-	39	28				
Christiansund	1011.5	43	W	2	r	1015.0	+1	41	+2	WSW	2	-	o	4	3	45	39				
Skudesnaes	1013.2	39	Calm	0	o	1016.3	+1	37	-2	SE	2	-	f	2	-	48	36				
Færder (X'lania Fjord)	1014.2	32	SSW	1	m	1017.1	+2	28	-4	NNW	1	-	f	1	-	34	28				
The Scaw (Skagen)	1013.4	34	Calm	0	f	1015.0	+4	34	+2	NW	1	-	f	1	-	36	32				
Blaavands Huk	1013.6	37	Calm	0	b	1017.4	+4	36	-3	N	1	-	f	*	-	45	32				
Copenhagen	1015.0	39	WSW	1	c	1016.3	+3	34	+2	Calm	0	-	f	*	trace	46	32				
Bornholm	1015.5	39	SW	3	m	1015.5	+2	37	+10	W	1	-	o	-	1	41	27				
FRANCE, &c.																					
The Helder	1012.7	46	E	1	o	1018.3	+6	41	-2	NW	2	-	o	1	5	50	41				
C. Gris Nez	1013.0	45	ESE	1	o	1021.5	+4	45	-1	NW	3	*	o	3	10	48	43				
La Hève	1015.4	46	WSW	5	r	1025.4	*	44	-3	NNW	3	*	m	5	8	48	43				
Brest (St. Mathieu)	1022.7	50	WNW	5	bc	1030.3	+3	48	0	NW	3	*	c	5	-	52	46				
Rochefort (Ile d'Aix)	1024.2	51	WNW	6	bc	1029.2	+3	48	0	NNW	4	*	bc	*	-	57	46				
Biarritz	1028.7	54	WSW	4	bc	1031.0	+1	52	-5	WNW	3	*	r	5	1	59	50				
Paris	1014.8	52	SW	3	o	1022.7	+5	46	-2	NW	3	-	r	*	8	55	45				
Belfort	1019.2	53	WSW	6	o	1022.8	*	41	-2	SW	6	*	r	*	1	62	36				
Lyons	1021.2	52	S	3	o	1025.8	*	43	0	W	1	*	r	*	1	60	42				
Nice	1024.0	49	Calm	0	o	1017.2	-1	49	+2	E	1	*	c	2	-	61	41				
Perpignan	1025.1	55	NE	1	o	1027.5	+2	48	+5	NW	3	-	o	*	-	61	43				
Sanguinaire	1025.6	57	SSE	1	b	1020.8	*	50	-4	ESE	3	*	r	3	5	68	48				
SOUTHERN STATIONS.																					
Corunna																					
Madrid														*							
Lisbon	1027.9	64	WSW	2	bc	1028.0	+1	54	0	NNE	3	-	o	7	-	66	54				
Azores (Horta)	1019.0	*	S	7	o	1013.6	-2	59	+4	S	7	*	r	6	-	63	45				
Madeira	1024.8	63	N	3	bc	1025.2	-1	55	0	NE	3	-	bc	3	-	63	54				
Gibraltar	1028.1	57	E	4	o	1028.4	*	56	-1	E	4	*	bc	3	-	60	55				
Malta	*	*	*	*	*	1024.4	-	54	0	NW	2	-	c	2	5	55	50				
Limassol	*	*	*	*	*	1023.4	-1	50	-2	Calm	0	-	b	-	-	69	39				
Alexandria	1020.4	66	NE	3	o	1019.8	+1	64	+5	NW	1	-	bc	-	-	75	59				
Cairo (Helwan)	1022.4	55	E	3	bc	1020.7	-	57	-2	ENE	3	W	o	*	-	72	55				

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

LONDON 20TH MARCH 9h. G.M.T.	Humidity 15 h. 19TH %	Humidity 9 h. 20TH %	Sunshine for 19TH Hours.	24 Hours ended 9 h. 20TH: Temperature Max. °F.	Min. °F.	Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	73	79	0.0	53	42	33	2	o	od	bc
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	?	?	0.0	52	*	35	2	o	o	o.r.b
CAMDEN SQ. (British Rainfall)	79	77	0.0	52	40	34	2	o	o	*
S. KENSINGTON (Museum Grounds)	*	85	0.0	51	41	*	1	om	or	odo

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 19TH.

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
330	7.6	17.5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,573 THURSDAY, 21ST MARCH ....1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

In the northern districts the day was cloudy or dull, with occasional drizzling rain and little sunshine. There were 4 to 5 hours of sunshine in the west, but a good deal of mist or fog. The day was very fine in England SE, where several coast stations reported over 10 hours of sunshine. Air temperature was rather higher than of late, and reached 60° in the south of England.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 20TH MARCH

	STATIONS.	Rainfall Night 18h-9h.	Rainfall Day 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 19TH Hr.
		Mm.	Mm.	°F.	°F.			
Scotland, E.	Banff	1	1	58	38	rc.	c.bc	1.8
	Montrose	2	-	55	37	o.	c	1.6
	St. Andrews	*	*	55	38	g	b	2.3
Eng. N.E.	Harrogate	0.1	-	52	38	bc.b	bc.	4.8
	Skegness	-	-	56	40	bc.	bc.om	7.0
England, E.	Felixstowe	2	-	57	42	bm.bc	bc.	9.3
	Southend-on-Sea	2	-	58	40	b	b.bc	8.0
England, S.E.	Margate	2	-	54	43	b	b	8.4
	Hastings	1	-	58	41	or.bc.b	b	9.6
	Eastbourne	-	-	60	42	b	b	10.3
	Seaford	*	*	58	38	b	b	10.1
	Worthing	2	-	60	41	b	b	10.4
	Littlehampton							
	Bournemouth	-	-	59	41	bc	bc	8.9

	STATIONS.	Rainfall Night 18h-9h.	Rainfall Day 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 20TH Hr.
		Mm.	Mm.	°F.	°F.			
Sc'thd W.	Oban	3	trace	52	44	or.	bc.c	0.2
Eng. N.W.	Morecambe	1	-	46	38	*	*	2.8
	Southport	-	-	52	42	c.o.c.o	o.c.bc.	3.3
Midlands	Malvern	-	-	59	42	bc	bc	8.0
	Ross-on-Wye	-	-	62	40	b	bc	8.9
Wales.	Rhyl	-	-	55	40	bc	bc.c	3.3
	Colwyn Bay	-	-	57	44	bc	bc	4.5
	Llandudno	*	*	54	43	bc	c	5.2
	Aberystwyth	*	*	49	41	ro.c	bc.c	3.0
England S.W.	Weymouth	*	*					
	Torquay							
	Paignton	*	*					
	Penzance	0.2	-	56	46	bc.	c.bc	4.5
	Newquay	0.1	-	53	44	b	b3	3.2
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 20TH MARCH

	STATIONS.	Evening of 19TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 20TH: Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Change in 24 hours. °F	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F	Temp. Min. °F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö	1013.3	32	Calm	0	c	1012.8	0	32		Calm	0	0	-	*	27
	Yuriev															
	Petrograd	1012.4	30	W	3	0	1012.3	+3	28		WNW	3	0	-	*	28
	Vijni Volotchok	1014.3	25	W	2	0	1012.4	*	28		W	1	0	-	*	*
	Gorki							*							*	
	Moscow	1013.1	30	WNW	3	0	1013.7	+4	30		NW	2	0	-	*	27
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice						1020.6	*	45	+2	NE	1	f	-	54	39
	Turin	1022.1	48	Calm	0	c	1020.2	*	46	+3	Calm	0	0	-	59	41
	Pesaro	1023.8	43	Calm	0	b	1021.3	*	52	+6	SW	1	b	-	52	39
	Leghorn	1024.9	54	Calm	0	b	1019.7	*	52	+6	Calm	0	0	-	57	46
	Rome	1026.5	52	Calm	0	b	1023.3	*	45	+2	Calm	0	b	-	61	41
	Viesti	1024.5	50	SSW	1	b	1021.9	*	50	+5	Calm	0	b	-	55	45
	Brindisi	1024.3	48	E	1	b	1022.2	*	47	-3	Calm	0	b	-	54	45
	Cagliari	1024.3	61	SE	4	bc	1023.3	*	55	+1	S	3	c	-	66	50
	Palermo	1025.4	50	Calm	0	bc	1024.9	*	50	0	S	1	b	-	63	41
	Tripoli	1023.9	59	S	2	bc	1026.3	*	59	+2	ENE	3	bc	trace	61	52
	Algiers															
SWEDEN.	Hernösand	1011.9	36	Calm	0	0	1011.9	*	34	+6	Calm	0	0	*	*	*
	Stockholm	1013.2	39	SSW	2	0	1013.1	*	32	-2	W	2	c	*	*	*
	Wisby	1015.0	32	SSW	2	bc	1013.2	*	32	+2	SW	2	b	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F	Temp. Change in 24 hours. °F	Wind Direc.	Wind Force 0-12.	Weather.
Isafjord	1000.3	30	-4	Calm	0	0
Reykjavik	998.8	36	-5	E	3	bc
Vestmanna	1000.3	41	+2	SE	2	c
Seydisfjord	1001.6	37	+7	Calm	0	b
Thorshavn	1008.0	44	+6	SW	3	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

21ST AND 22ND MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.56 5.54	12.0 12.0	6.4 6.6
Greenwich	6.3 6.1	12.7 12.7	6.11 6.13
Wick	6.16 6.13	12.19 12.19	6.23 6.25
Valencia	6.44 6.42	12.48 12.48	6.52 6.54

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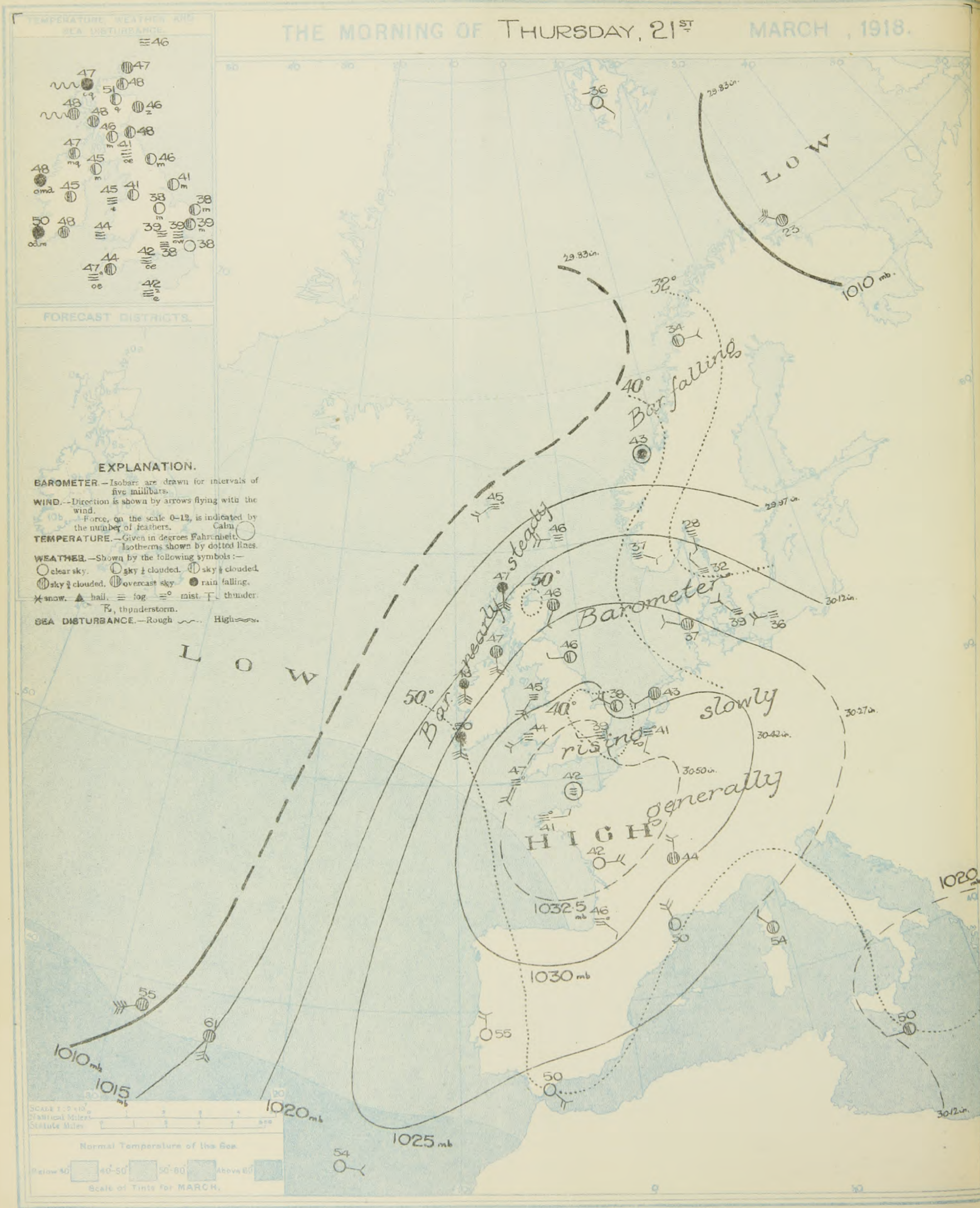
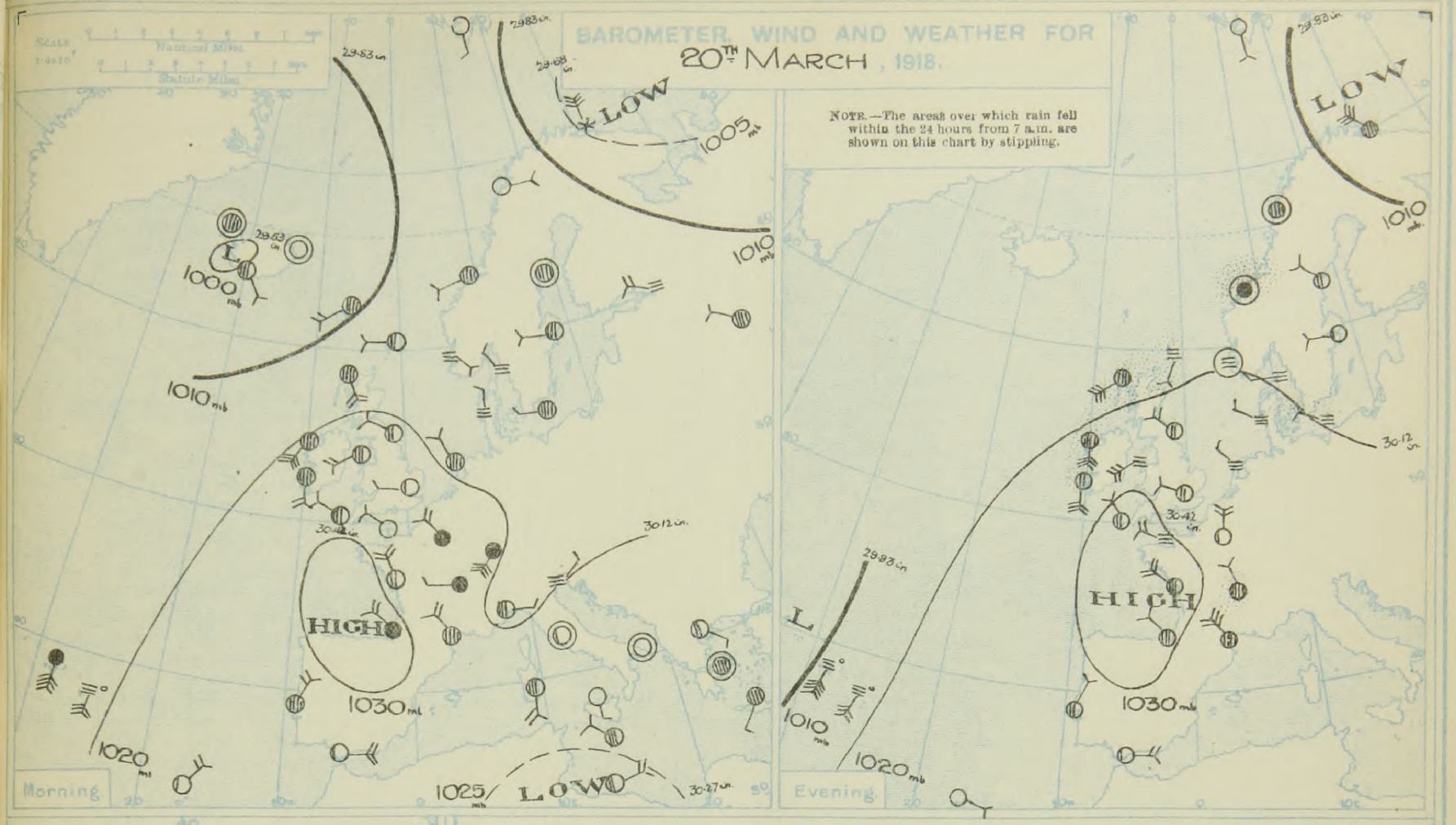
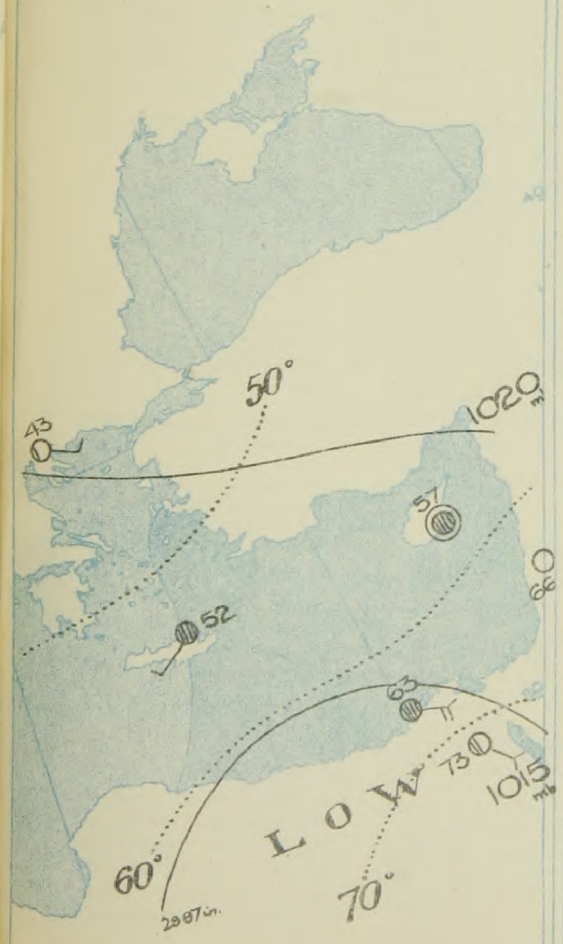
‡ The barometric change is expressed in half-millibars.

THE MORNING OF THURSDAY, 21ST MARCH, 1918.







The Present Situation

An extensive anticyclone centred over Normandy is the dominant feature of the barometric distribution over Western Europe. Depressions lie far to the north and west of the British Isles. Except in the south-east, where light airs are blowing from the NW., winds are generally from S. or SW. over these Islands. There is some rain in the west of Ireland, elsewhere weather is fair or cloudy, but with much mist or fog. There is also much fog in the Skagerak and Western Baltic.

The General Outlook

The barometer continues to rise slowly over Great Britain, but is steady or falling slightly on the Western seaboard. We may expect some freshening of the wind from SW, with slight rain, in the north and west. Over England SE. weather will probably remain fair, with mist or fog in many localities.

H. W.

R. G. K. LEMPFERT, C.B.E., Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 80. (THURSDAY 21ST MARCH)

	STATIONS.	Evening of 20th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 21st: Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 A.M. 21st: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Afternoon.	Night.	Sunshine for 20th Hours.
BRITISH ISLANDS.	Lerwick ...	1015.5	44	SSW	2	f.	1018.1	+2	46	+2	W	4	-	f	3	2	47	43	om	om fd	omdqf	*
	Deerness (Orkney)	1017.3	48	W	4	c.	1020.3	*	47	+5	S	2	-	o	1	-	49	42	omd	mo.c	c.o	0.0
	Stornoway ...	1016.8	49	SW	6	oq	1019.1	0	47	+4	S	6	-	oq	5	2	54	43	op.cq	c.oq	opq	1.6
	Castlebay (Barra Isd.)	1018.9	48	SW	5	oq	1020.6	0	48	-1	SSW	4	-	oq	5	1	50	48	op.om	omo.	odo	0.3
	Glasgow ...	1023.5	50	WSW	3	cm	1026.4	+2	46	+3	SW	1	W	bcm	*	0.4	53	43	od.pcm	ocm.	c.b.bcm	0.7
	Eskdalemuir ...	1024.6	46	SW	4	o	1029.1	+3	41	+2	S	3	-	ofe	*	trace	49	39	om.o.om	om.o.e.o	o.b.ofe	0.2
	Malin Head ...	1021.3	52	SSW	4	cm	1021.8	-2	47	0	S	5	S	cmq	5	-	56	43	bcm	bcm.	cmq	4.1
	Blacksod Point	1021.8	49	S	6	oq	1020.4	-1	48	0	S	7	-	omd	6	0.4	52	46	cq	oq	omomd	*
	Valencia (Cahirciveen)	1026.1	52	S	5	bc	1026.1	0	50	+2	S	5	-	odm	4	0.3	56	48	o.c.bc	c.bc	b.bc.o.od	3.9
	Roche's Point	1028.7	50	WSW	2	o	1030.2	*	48	0	SSW	3	-	o	3	trace	52	47	oq	o.c	om	*
	Birr Castle ...	1025.1	56	SW	2	c	1026.8	*	45	+1	SW	2	SW	c	*	-	58	43	c	c	c	2.0
	Donaghadee ...	1023.8	52	WSW	3	bcq	1026.3	+2	45	+1	S	4	S	bcm	3	-	57	43	bcm	cq.bcm	bcq.cm	*
	Liverpool (Bidston)	1027.3	48	WSW	1	bc	1030.5	+2	41	-1	SE	1	E	bc	1	-	54	40	bc	c	b.bc	2.5
	Holyhead ...	1026.7	47	SW	5	f	1029.7	+1	45	-1	SSW	4	-	fe	4	trace	53	44	c.bc.b	b.f	fe.efe.	5.1
	Pembroke (St. Ann's)	1030.0	46	WSW	3	o	1032.4	+3	44	-1	SW	2	-	f	3	trace	48	44	bcfc.o	o.c.o	of.ofe.	0.3
	Hartland Quay	1030.6	47	SSW	2	f	1033.6	+2	45	-1	SSW	3	-	o	3	trace	50	44	om.of	o.f.	ofe.o	*
	Scilly (St. Mary's)	1031.3	50	WNW	2	m	1032.5	0	47	0	SSW	3	E	ome	4	1	54	46	bc.cm	cm.bcm	bcm.com	5.1
	Falmouth ...	1030.3	50	WSW	3	bq	1033.6	+2	44	-1	SSW	3	-	c	*	-	57	43	bc	bc.c.bc	bmofe	2.8
	Jersey (St. Aubin)	1030.9	46	WNW	3	f	1034.2	*	42	-2	Calm	0	-	f	0	0.1	53	41	bc.b.	b.o.fe.	fe	8.3
	Portland Bill ...	1029.0	47	W	3	bc	1033.4	+2	42	-3	NW	1	-	f	3	-	49	39	bc	bc	bc.fe	*
	Dungeness ...	1027.4	46	SW	3	b	1031.8	+1	38	-4	N	2	-	b	1	-	58	36	b	bc	c.b.b	*
	Dover	*	*	*	*	*													*	*		
	Wick	1018.4	50	WNW	2	cm	1020.6	+2	48	+6	S	2	W	c	2	2	55	42	om.p	op.cm	cb.cm	*
	Nairn	1019.0	51	W	1	bc	1021.5	*	51	+5	WSW	4	-	bcq	2	-	57	43	c.bc.q	q.c.bc	cq.bc	2.3
	Aberdeen ...	1020.2	51	SSW	2	bcq	1023.5	+1	46	+4	SSW	1	-	oq	2	1	57	41	oq.ro.	c.bc	bc.bq	1.0
	Leith	1021.7	52	W	2	bc	1025.5	+1	48	+3	WSW	2	W	c	2	-	55	44	cuc.bc	bc.c.bc	bc.o.c	*
	Tynemouth ...	1023.8	51	NW	3	bcm	1026.9	+1	46	+5	W	1	W	bcm	3	-	54	41	bcm	bcm	bm	*
	Spurn Head ...	1026.0	48	WNW	3	cm	1030.4	0	41	0	WSW	1	-	bcm	2	-	56	40	bc	bcm.	bcm	6.8
	Yarmouth (Gorleston)	1025.9	46	NE	1	b	1029.9	+2	38	-6	WNW	3	-	bcm	2	-	56	37	bc.b	b	bcm	8.3
	Clacton-on-Sea	1027.2	54	WNW	1	cq	1031.9	+2	39	-4	WNW	2	-	cm	1	-	57	36	bc	bc.cq	bc.xcm	9.1
	Nottingham ...	1027.0	54	W	3	c	1031.3	*	38	+1	W	1	W	bm	*	-	57	37	bc.cm	om.c	c.b	4.2
	Benson (Oxon.) ...	1027.9	53	NW	1	b	1032.4	+3	39	+6	SW	1	-	f	*	0.1	58	33	b	b	b.ofe	*
	Sth Farnborough	1028.7	53	WNW	1	bc	1033.4	+2	38	-1	WNW	3	-	f	*	trace	60	38	b.bcq	y.bc	bc.fe	9.9
	Salisbury Plain	1029.6	48	W	4	b	1033.8	+2	39	+2	W	3	-	cf	*	-	56	37	bq	c.bq	omf	*
	London (Kew Obsy.)	1028.7	55	WNW	2	bc	1033.4	+3	39	-3	W	1	-	ofw	*	trace	59	39	b.bc.bv	bv.bc	bmofw	8.8
NORTHERN EUROPE.	Spitsbergen ...	1014.3	-31	S	1	b	1014.6	0	-36	-1	SSW	1	*	b	*	*	-27	-38				
	Vardö	1006.4	23	NW	6	o	1008.0	0	23	-2	NW	6	-	o	3	*	25	23				
	Bodö	1014.6	34	Calm	0	o	1012.8	-3	34	+4	SSW	2	-	bc	2	-	36	28				
	Christiansund ...	1015.5	43	Calm	0	r	1013.5	-3	43	+2	Calm	0	-	r	3	2	45	39				
	Skudesnaes ..	1020.0	37	Calm	0	f	1022.2	+1	37	0	ESE	2	-	f	2	-	39	36				
	Færder (X'tiania Fjord)	1017.6	30	S	1	f	1017.0	+2	28	0	S	1	-	f	1	-	39	28				
	The Scaw (Skagen)	1017.5	37	W	2	f	1021.1	+5	32	-2	NW	1	-	f	1	-	39	30				
	Blaavands Huk	1022.8	37	WNW	1	f	1026.2	+1	37	+1	WNW	2	-	o	*	1	41	34				
	Copenhagen ...	1020.6	41	Calm	0	f	1022.8	+2	39	+5	NW	2	NW	f	*	trace	43	34				
	Bornholm ...	1019.2	36	WNW	2	m	1021.8	+1	36	-1	W	3	-	f	0	2	37	34				
FRANCE, &c.	The Helder ...	1025.8	37	NW	1	f	1029.9	+2	43	+2	SW	2	-	o	1	trace	43	37				
	C. Gris Nez ...	1028.0	46	SW	2	b	1031.6	+1	41	-4	SSW	1	*	m	1	-	54	41				
	La Hève							*					*									
	Brest (St. Mathieu)	1033.1	48	N	2	o	1034.4	+2	41	-7	E	1	*	m	5	-	52	41				
	Rochefort (Ile d'Aix)	1031.2	50	NW	4	c	1033.4	?	42	-6	E	3	*	b	*	-	54	41				
	Biarritz	1030.7	53	WNW	2	c	1032.0	0	46	-6	SE	1	*	m	6	-	59	45				
	Paris														*							
	Belfort							*					*		*							
	Lyons	1027.4	44	NNW	2	o	1030.3	*	44	+1	N	3	*	o	*	9	48	41				
	Nice												*									
	Perpignan ..	1025.4	54	NW	5	o	1027.8	+2	50	+2	NW	4	N	b	*	-	59	48				
	Sanguinaire ...	1016.6	53	NW	3	bc	1021.8	*	54	+4	NW	1	*	o	5	-	57	50				
SOUTHERN STATIONS.	Corunna																					
	Madrid														*							
	Lisbon	1025.8	68	NNE	2	bc	1026.0	+1	55	+1	NNW	2	-	b	6	-	68	54				
	Azores (Horta) ...	1010.8	*	SSW	9	m	1009.4	+4	55	+4	WSW	7	*	o	6	-	63	55				
	Madeira	1022.4	64	E	2	b	1024.0	-0	54	-1	SSW	2	-	b	3	-	64	54				
	Gibraltar	1025.4	58	E	3	b	1024.4	*	50	-6	SE	3	*	b	2	-	64	49				
	Malta	*	*	*	*	*	1019.8	+1	50	-4	W	1	W	c	0	2	57	48				
	Limassol	*	*	*	*	*	1018.8	-1	57	+7	Calm	0	-	o	4	-	64	?52				
	Alexandria ...	1017.2	61	E	3	o	1014.2	-0	63	-1	ESE	3	-	o	3	-	75	55				
	Cairo (Helwan) ...	1016.2	73	NE	4	c	1014.7	+1	73	+16	SE	2	SW	bc	*	-	86	57				

GALES.

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

LONDON 21st MARCH 9h. G.M.T.	Humidity. 15 h. 20th %	Humidity. 9 h. 21st %	Sunshine for 20th Hours.	24 Hours ended 9 h. 21st: Temperature. Max. °F.	Temperature. Min. °F.	Min. on Grass. °F.	Rainfall. mm.	Weather. Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory)	48	99	8.4	59	38	31	0.0	b.bc	o	of
CITY (Bunhill Row)	*	*	7.7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	51	93	8.4	60	*	32	0.0	bc	bc	bm
CAMDEN SQ. (British Rainfall) ..	50	97	7.2	61	38	33	0.0	b	b	*
S. KENSINGTON (Museum Grounds)	*	90	9.2	61	39	*	0.0	bc	b	bo

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 20th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1230	28.3	54.5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29,574 FRIDAY, 22ND MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Except in the Orkneys and Shetlands, where 13 mm. of rain was measured, rainfall was almost nil. Good sunshine records were obtained in nearly all districts, as much as 10 hours on the Welsh coast. Air temperature showed a large daily range in the south of England, reaching 60° F. during the day, but falling below freezing point at some inland stations during the night.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL. To 18h. 21ST MARCH.

STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 21ST
	Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.							
Banff	-	-	59	46	bc.	bc	0·4
Montrose	-	-	56	43	o.	o	0·0
St. Andrews							
Eng. N.E.							
Harrogate	-	-	61	42	b.	b.bc	9·2
Skegness	-	-	59	35	bc	bc	7·7
England, E.							
Felixstowe	-	-	60	37	bcm.	bcm.	7·8
Southend-on-Sea	-	-	58	36	of.ogc	c.beg.	2·6
England, S.E.							
Margate	-	-	59	42	bc.b	b.	6·5
Hastings	-	-	54	41	b.	b.bc.o	7·6
Eastbourne	-	-	55	39	b.bc.	b.bcm	7·3
Seaford	*	*	58	39	f.b	b	8·0
Worthing	-	-	51	35	b.bc	c	5·9
Littlehampton							
Bournemouth	-	-	58	39	f.b	b.	8·0
Scotland W.							
Oban	2	-	54	45	o.c	o.c	0·7
Eng. N.W.							
Morecambe	-	-	50	41	*	*	8·0
Southport	-	-	56	38	c.bc.b	bc.c	7·8
Midlands.							
Malvern	-	-	59	39	b	b	9·0
Ross-on-Wye	-	-	58	35	b	b	9·7
Wales.							
Rhyl	-	-	52	41	bc.	bc.	9·5
Colwyn Bay	-	-	57	46	bc	bc	9·7
Llandudno	*	*	57	43	b	b	9·8
Aberystwyth	*	*	52	39	o.c.b.	b.bc.	10·0
England, S.W.							
Weymouth	*	*	47	39	foc.c	c.om.	0·3
Torquay	-	-	54	38	c.bc.b	b	7·8
Paignton	*	*					
Penzance	-	-	49	46	o.c	c	0·2
Newquay	-	-	52	36	b	b	7·6
Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 21ST MARCH

STATIONS.	Evening of 20TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 21ST: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
		°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.															
Archangel														*	
Hangö														*	
Yuriev															
Petrograd	1014·4	27	WNW	2	o	1015·0	+1	18	-10	W	1	f	-	*	16
Vijni Volotchok	1014·2	30	W	1	o	1015·6	+2	28	0	Calm	0	o	-	*	28
Gorki							*							*	
Moscow	1014·3	32	WNW	2	o	1015·5	+1	30	0	WNW	2	s	-	*	28
Kiev														*	
Kharkov														*	
Kishinev														*	
Elisabetgrad														*	
Nicolaiev							*							*	
Odessa														*	
Tarkhankout							*							*	
Soukhoum														*	
MEDITERRANEAN.															
Venice	1021·1	48	E	1	b	1025·1	*	46	+1	N	1	b	-	55	43
Turin	1024·2	48	Calm	0	bc	1027·1	*	42	-4	Calm	0	o	-	52	41
Pesaro						1025·0	*	50	-2	SE	1	bc	-	59	41
Leghorn	1019·9	52	Calm	0	o	1022·7	*	50	-2	E	1	bc	1	61	46
Rome	1021·9	52	Calm	0	c	1022·3	*	46	+1	Calm	0	bc	trace	61	45
Viesti	1019·0	54	SW	1	c	1023·7	*	54	+4	W	1	bc	-	54	50
Brindisi	1021·7	50	SSE	1	b	1022·2	*	48	+1	E	1	c	-	57	47
Cagliari	1019·0	61	S	3	o	1017·9	*	55	0	NW	3	c	1	64	50
Palermo	1021·7	50	Calm	0	b	1019·9	*	45	-5	Calm	0	f	-	? 61	41
Tripoli	1024·9	50	SW	1	bc	1023·5	*	50	-9	W	1	b	2	63	46
Algiers	1025·8	52	E	2	o	1024·2	+1	52		Calm	0	b	1	?	?
SWEDEN.															
Hernösand	1012·8	37	NW	2	bc	1016·3	*	34	0	S	2	b	*	*	*
Stockholm	1014·6	41	W	2	b	1019·1	*	34	+2	W	2	o	*	*	*
Wisby	1012·8	46	WSW	2	b	1019·8	*	30	-2	NW	2	f	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.
		°F	°F			
Isafjord	996·4	37	+7	SE	3	c
Reykjavik	996·7	39	+3	SE	2	bc
Vestmanna	999·1	41	0	SE	1	b
Seydisfjord	1002·3	41	+4	SW	4	b
Thorshavn	1011·8	45	+1	SW	3	m

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

22ND AND 23RD MAR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.54	12.0	6.6
	5.52	12.0	6.8
Greenwich	6.1	12.7	6.13
	5.59	12.7	6.15
Wick	6.13	12.19	6.25
	6.10	12.19	6.27
Valencia	6.42	12.48	6.54
	6.40	12.48	6.56

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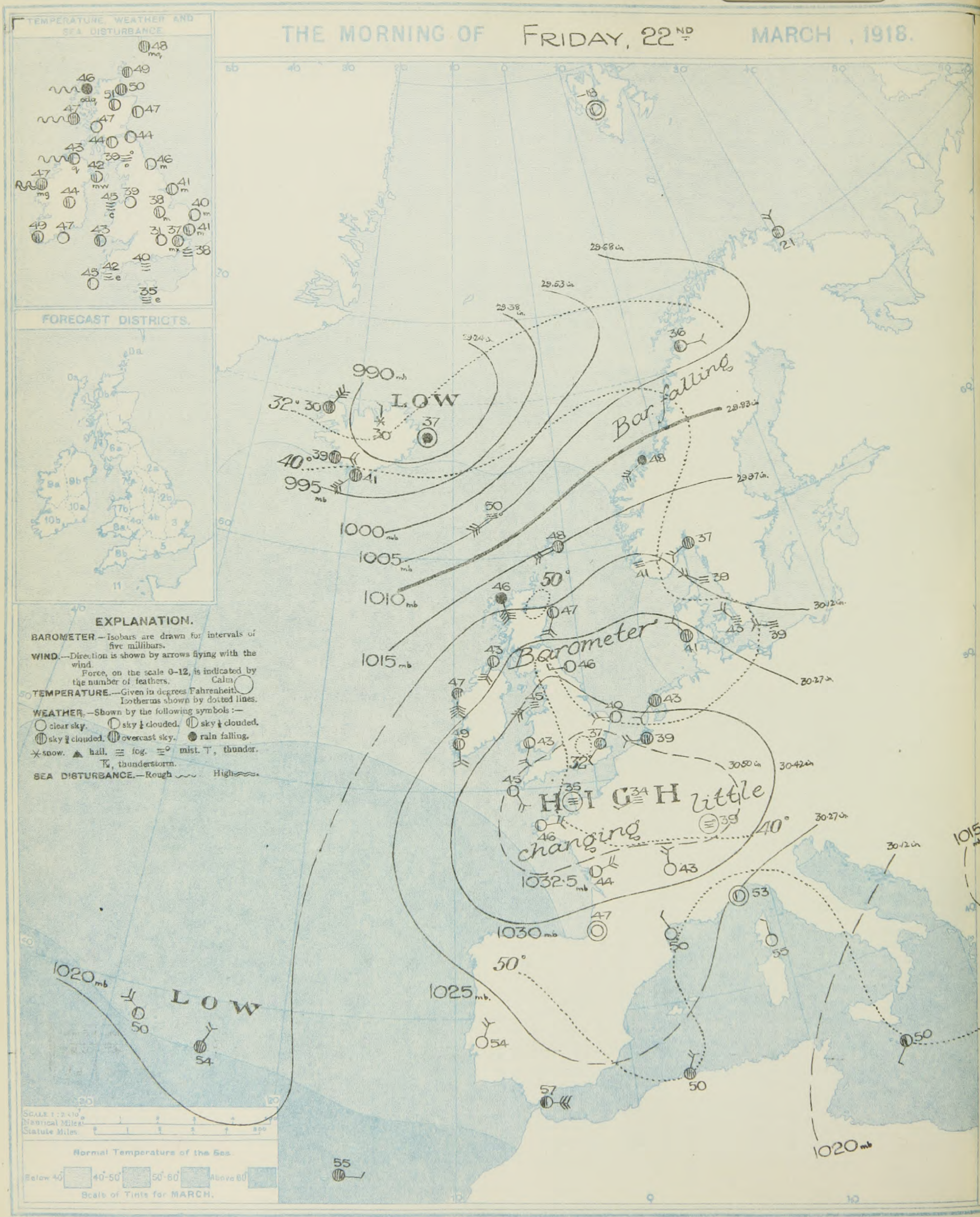
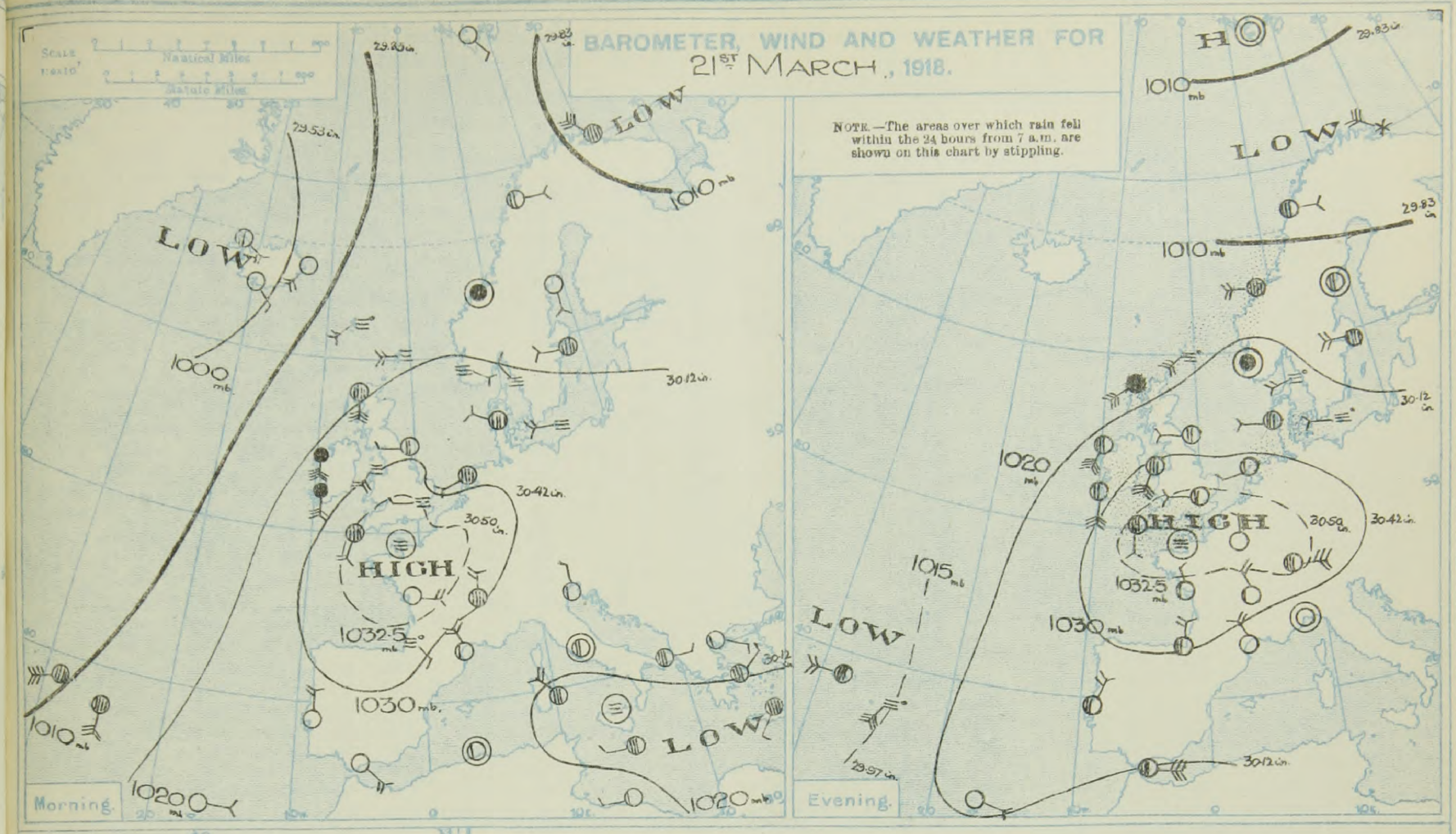
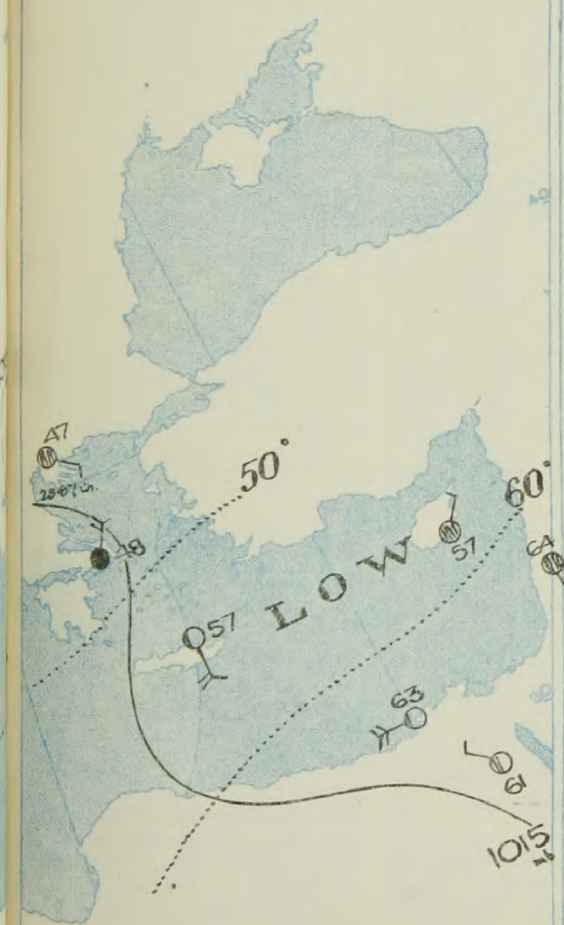
‡ The barometric change is expressed in half-millibars.

THE MORNING OF FRIDAY, 22ND MARCH, 1918.







The Present Situation

The anticyclone centred over Northern France now extends over the greater part of Western Europe. Pressure continues to be low over Iceland, but beyond causing strong S. winds on our northern and western coasts, the depression which appeared several days ago in the NE. Atlantic has not affected the British Isles. There continues to be much fog in the English Channel, Northern France, the North Sea and the Baltic. Except for drizzling rain in the extreme north-west, weather is generally fair or fine over the British Isles.

The General Outlook

The present anticyclonic conditions are likely to persist for some days, weather being generally fair or fine, with warm days but rather cold nights. There is likely to be a continuance of mist or fog in the Southern North Sea, the English Channel and adjacent land areas.

W. H.

R. G. K. LEMPFERT, C.B.E., Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 81 ... FRIDAY 22ND MARCH

	STATIONS.	Evening of 21st: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 22nd: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 A.M. 22nd: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 21st Hours.
BRITISH ISLANDS.	Lerwick ...	1016·6	47	SW	5	f dq	1015·8	0	48	+2	WSW	5	-	omq	4	10	48	44	fd.	frq.	fd omq	*
	Deerness (Orkney)	1018·6	50	SW	4	orm.	1017·9	*	49	+2	SSW	4	W	c	3	13	50	46	or	orm.	ro c	0·0
	Stornoway ...	1017·9	50	SW	6	orq	1018·7	+2	46	-1	S	7	-	odq	6	7	50	46	opq	orq.	odq	0·0
	Castlebay (Barra Isd.)	1021·1	50	SSW	5	og	1021·7	+1	47	-1	SSW	5	-	o	5	0·1	51	47	op	op	o	0·0
	Glasgow ...	1026·1	52	SW	2	cm	1026·9	0	44	-2	SW	3	W	bc	*	-	58	43	bcg	bc. cg	bc b bc	4·6
	Eskdalemuir ...	1029·4	42	SSW	6	omε	1029·9	+1	39	-2	SW	4	-	om	*	0·1	43	39	of o m ε	odm.	omε om	0·0
	Malin Head ...	1022·4	55	WSW	3	bc	1023·2	0	43	-4	SSW	5	SW	bcq.	5	-	57	43	bc mq	bc	bcq	2·5
	Blacksod Point	1021·9	49	SSW	7	cmq	1022·4	+1	47	-1	S	8	-	omq	7	0·4	49	46	omd	omq	omq om	*
	Valencia (Cahirciveen)	1026·7	51	S	6	bc	1026·5	0	49	-1	S	4	-	c	4	-	55	49	o bc.	bc.	bc c	4·2
	Roche's Point	1030·7	48	SSW	3	om.	1030·0	*	47	-1	S	3	-	b	3	trace	51	47	om	om	o b	*
	Birr Castle ...	1027·0	55	SW	2	c	1027·5	*	44	-1	S	2	S	bc	*	-	62	43	c	c	bc	9·5
	Donaghadee ...	1026·3	49	SSW	4	bc mq	1027·4	+1	42	-3	SW	3	SW	bcm	2	trace	54	41	bc mq	bc mq	bc mq	*
	Liverpool (Bidston)	1030·9	50	WSW	3	b	1031·3	0	39	-2	S	1	-	b	1	-	56	37	b	b	bx	8·2
	Holyhead ...	1030·5	46	SSW	6	cf	1030·4	-1	45	0	SW	5	-	c f.	4	-	48	42	of c. fε	c f bc. f	cf o c f	0·3
	Pembroke (St. Ann's)	1033·2	45	SW	3	c	1033·4	0	43	-1	SSW	3	SW	bc	3	0·1	49	43	fε c. bc.	bc c	c o. ε bc	2·8
	Hartland Quay	1033·6	48	SW	2	b	1033·6	0	41	-4	SE	2	-	bw	2	-	52	39	o b	b	b bw	*
	Scilly (St. Mary's)	1033·2	47	S	2	c	1032·6	0	45	-2	SSE	3	S	b	4	0·1	52	43	cm b gm	c	cf bcc	4·2
	Falmouth ...	1034·0	45	SW	1	o	1033·7	+1	42	-2	SSE	3	-	fε	*	-	51	41	o c	bc c o	ofε	2·4
	Jersey (St. Aubin)	1034·2	44	Calm	0	fε	1034·3	*	35	-7	Calm	0	-	fε	0	0·1	46	33	fε	fε	bw x fε	0·0
	Portland Bill ...	1034·3	41	W	2	f	1034·0	0	40	-2	W	2	-	f	3	trace	45	40	of	f	f	*
	Dungeness ...	1032·2	42	SW	4	f	1033·0	0	38	0	SW	3	-	f	3	0·1	50	37	b	b f	fε	*
	Dover	*	*	*	*	*													*	*		
	Wick	1019·5	51	SW	3	omp.	1019·1	+1	50	+2	SSW	2	-	o	2	3	52	45	c. omp.	omp.	omq	*
	Nairn	1020·9	54	W	4	o. cq	1019·2	*	51	0	WSW	5	-	bc	3	-	60	50	o c bc	bc. cq.	q bc	1·7
	Aberdeen ...	1021·9	55	SW	3	c	1023·4	+1	47	+1	SSW	4	W	bc	2	-	56	46	cg. cg.	cg. cg.	cg. o bc	0·8
	Leith	1025·1	54	W	2	c	1026·5	0	44	-4	WNW	1	NW	b	2	-	56	43	c bc. c	c bc. g. c	c. bc. c b	*
	Tynemouth ...	1027·8	54	W	2	om	1028·2	0	46	0	W	1	-	bm	3	-	59	44	bcm.	bcm.	bm	*
	Spurn Head ...	1030·2	56	WSW	1	bcm	1030·2	0	41	0	WSW	2	-	bcm	2	-	60	39	bcm.	bcm.	bcm	6·1
	Yarmouth (Gorleston)	1030·3	45	Calm	0	bc	1031·0	0	40	+2	W	3	-	bm	2	-	61	38	bc mb	b. bcm.	bm	8·4
	Clacton-on-Sea	1032·0	56	W	1	bc	1032·6	0	41	+2	W	2	-	bc	1	-	60	39	cm bcg	bc.	b bcm	7·4
	Nottingham ...	1031·0	56	W	2	bc	1031·8	*	38	0	W	1	W	bc	*	-	60	35	bcm.	bcm.	bc	6·6
	Benson (Oxon.) ...	1032·2	53	W	1	b	1032·7	+1	31	-8	Calm	0	NE	b	*	-	60	28	b	b	bmx	*
	Sth Farnborough	1032·5	55	W	2	bcy.	1033·7	0	30	-8	NW	1	N	oxf	*	-	62	27	fε b bcy	bc. b bcy	y. b o x m	7·7
	Salisbury Plain	1033·5	52	WSW	2	b	1034·5	-1	27	-12	E	1	-	m	*	-	58	27	omε c b	b	b x m s	*
	London (Kew Obsy.)	1032·7	57	W	2	bc	1033·4	0	37	-2	SW	1	NW	cmx	*	trace	60	37	of w b bc	bw. bc	bc bmcm	6·2
NORTHERN EUROPE.	Spitsbergen ...	1014·0	-27	Calm	0	b	1009·8	-1	-18	+18	Calm	0	*	b	*	*	-18	-39				
	Vardö	1007·6	21	NW	5	s	1006·2	0	21	-2	N	3	-	c	2	*	23	21				
	Bodö	1008·0	36	E	2	c	1003·8	-5	36	+2	SSW	2	-	c	2	-	36	32				
	Christiansund ...	1015·9	43	W	4	o	1011·1	-1	48	+5	SW	5	-	r	4	5	48	43				
	Skudesnaes ..	1022·7	41	Calm	0	r	1021·1	0	41	+4	E	1	-	f	2	17	43	37				
	Færder (X'iania Fjord)	1020·4	39	SW	4	o	1017·0	-1	37	+9	WSW	3	-	o	2	-	39	28				
	The Scaw (Skagen)	1020·7	41	WSW	3	m	1019·2	-1	39	+7	WNW	3	-	m	3	-	45	32				
	Blaavands Huk	1028·7	39	W	2	c	1027·1	-2	41	+4	NW	2	-	o	*	6	43	37				
	Copenhagen ...	1025·0	45	W	3	m	1022·7	0	43	+4	NW	3	-	f	*	1	48	39				
	Bornholm ...	1023·5	37	W	2	m	1021·6	0	39	+3	WNW	3	-	b	0	trace	39	34				
FRANCE, &c.	The Helder ...	1031·6	43	WSW	1	b	1029·9	+2	43	0	SW	2	-	o	1	trace	43	37				
	C. Gris Nez ...	1033·2	41	SSW	3	f	1033·2	0	40	-1	SW	3	*	f	2	-	50	39				
	La Hève	1035·1	41	NNW	1	f	1034·7	*	?	?	SW	1	*	f	1	-	46	36				
	Brest (St. Mathieu)	1034·3	51	Calm	0	m	1033·6	0	46	+5	E	3	*	b	5	-	50	41				
	Rochefort (Ile d'Aix)	1032·4	52	NNW	3	b	1032·2	+1	44	+2	ENE	4	*	b	*	-	59	41				
	Biarritz	1030·0	53	N	3	bc	1029·4	0	47	+1	Calm	0	*	b	2	-	59	45				
	Paris	1033·5	50	Calm	0	b	1034·0	0	34		WSW	1	-	f	*	-	57	34				
	Belfort	1032·8	48	E	5	c	1034·0	*	39		Calm	0	*	m	*	-	54	36				
	Lyons	1030·2	51	NNW	3	b	1031·0	*	43	-1	N	3	*	b	*	-	58	40				
	Nice	1025·8	52	Calm	0	b	1024·7	0	53		Calm	0	*	b	2	-	61	45				
	Perpignan ..	1028·2	54	NW	3	b	1027·5	0	50	0	NW	1	-	b	*	-	59	43				
	Sanguinaire ...	1024·8	53	NW	2	b	1021·5	*	55	+1	N	1	*	b	3	-	64	48				
SOUTHERN STATIONS.	Corunna														*							
	Madrid																					
	Lisbon	1023·4	70	NNE	3	bc	1023·0	+1	54	-1	NNE	3	-	b	0	-	72	54				
	Azores (Horta) ...	1012·0	*	WSW	4	c	1019·6	+2	50	-5	NW	4	*	b	2	-	63	50				
	Madeira	1021·2	66	E	2	b	1021·4	0	55	+1	E	1	-	o	2	-	70	54				
	Gibraltar	1025·0	58	E	6	c	1024·0	*	57	+7	E	6	*	c	3	-	65	48				
	Malta	*	*	*	*	*	1016·7	0	50	0	SW	1	-	c	0	1	59	48				
	Limassol	*	*	*	*	*	1013·5	-2	57	0	NE	1	-	o	2	5	68	52				
	Alexandria ...	1012·2	72	N	3	o	1014·8	+4	61	-2	NW	1	W	bc	0	trace	86	61				
	Cairo (Helwan) ...	1013·2	63	NE	3	r	1014·8	+3	63	-10	W	4	W	b	*	1	75	59				

LONDON

22ND MARCH. 9h. G.M.T.

	Humidity. 15 h. (21st) %	Humidity. 9 h. (22nd) %	Sunshine for 21st Hours.	24 Hours ended 9 h. 22nd: Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
GREENWICH (Royal Observatory)	53	79	7·2	61	37	26	0·0	b	b	f bc
CITY (Bunhill Row)	*	*	4·8	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	53	83	6·6	61	*	31	0·0	bcm	bc	bm
CAMDEN SQ. (British Rainfall) ..	54	83	6·4	61	37	31	0·0	b	b	*
S. KENSINGTON (Museum Grounds)	*	83	6·6	62	39	*	0·0	b	b	b

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 21st

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1060	24·2	52

The thermometers at Greenwich and Camden Square are in Glaisher screens.

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29,575 SATURDAY, 23RD MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Except in the extreme north where the day was dull, with slight rain, fair or fine weather prevailed generally. As much as 11 hours of bright sunshine were recorded at Rhyl. Persistent fog kept the temperature low locally in the English Channel and Irish Sea, but day temperatures were generally high for the season. At South Farnborough the thermometer rose to 67°F., but fell below freezing point at night.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 22ND MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 22ND
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	61	48	bc	bc	3·8
	Montrose	-	-	60	43	bc	bc	5·0
	St. Andrews	-	-	60	42	b	b	9·6
Eng. N.E.	Harrogate	-	-	61	42	b	b	10·4
	Skegness	-	-	65	34	bc	b	9·1
England, E.	Felixstowe	-	-	65	36	bcm	bcm	9·7
	Southend-on-Sea	-	-	68	38	bz.b	b	8·9
England, S.E.	Margate	-	-	62	41	b	b	9·7
	Hastings	-	-	44	32	b.bc	bc	6·7
	Eastbourne	-	-	55	33	bc.b	b	8·2
	Seaford	*	*	41	37	f	f	0·0
	Worthing	-	-	45	35	o	m	0·1
	Littlehampton	*	*	45	35	*	*	2·4
	Bournemouth	-	-	59	37	f.b	b	8·2
Sc'ld W.	Oban	-	-	56	45	b	bc	4·2
Eng. N.W.	Morecambe	-	-					
	Southport	-	-	62	35	wb	b	9·7
Midlands.	Malvern	-	-	63	34	b	b	10·5
	Ross-on-Wye	-	-	66	33	bc.b	b	8·9
Wales.	Rhyl	-	-	62	37	bc	b.d.c	11·0
	Colwyn Bay	-	-	59	38	bc	bc	10·8
	Llandudno	*	*	61	37	b	b	10·8
	Aberystwyth	*	*	58	40	c.b.b	bc.c	10·3
England, S.W.	Weymouth	*	*	51	40	f.o	b.f	4·6
	Torquay	-	-	52	37	omb	bm	3·5
	Paignton	*	*	51	40	bc	f	3·0
	Penzance	-	-	50	43	c	o.c.b	4·2
	Newquay	-	-	55	40	f.b	b	8·3
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 22ND MARCH

	STATIONS.	Evening of 21ST: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 22ND: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel	1009·5	7	WSW	1	o	1005·6	-4	16		SW	2	s	1	*	3
	Hangö	1016·2	30	WNW	8	b	1014·8	-1	30		WNW	2	bc	-	*	25
	Yuriev															
	Petrograd	1014·4	32	W	2	o	1013·5	-1	28	+10	W	2	o	trace	45	?
	Vijni Volotchok	1016·6	30	Calm	0	o	1014·7	+1	32	+4	Calm	0	o	1	*	28
	Gorki							*							*	
	Moscow	1016·8	32	WNW	2	o	1017·1	0	30	0	W	2	o	-	*	28
	Kiev														*	
	Kharkov	1017·8	34	WSW	2	b	1019·8	+2	30		Calm	0	o	-	*	30
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice	1020·1	55	WNW	1	b	1023·4	*	54	+8	Calm	0	b	-	64	45
	Turin						1025·4	*	45	+3	Calm	0	b	-	64	42
	Pesaro						1024·9	*	50	0	NW	1	o	-	56	33
	Leghorn	1023·5	55	Calm	0	b	1023·0	*	52	+2	Calm	0	b	-	63	46
	Rome	1021·8	50	S	1	b	1019·5	*	50	+4	N	2	b	-	63	45
	Viesti	1018·5	52	NW	2	b	1019·3	*	54	0	NW	2	o	-	55	50
	Brindisi	1019·4	54	NW	3	b	1022·4	*	54	+6	NW	3	b	-	54	48
	Cagliari	1019·1	59	ENE	5	o	1021·9	*	55	0	NW	3	b	1	66	48
	Palermo	1022·2	52	SSW	1	c	1018·5	*	?	?	Calm	0	c	3	61	43
	Tripoli	1022·2	52	SSW	1	c	1024·1	*	52	+2	WSW	3	b	trace	61	46
	Algiers	1023·5	54	NNE	3	o	1024·2	+1	50	-2	NNE	3	o	6	59	50
Sweden.	Hernösand	1012·8	37	Calm	0	bc	1016·3	*	34	0	S	2	b	*	*	*
	Stockholm	1017·0	39	W	4	o	1019·1	*	32	-2	W	2	o	*	*	*
	Wisby	1019·6	34	SW	2	o	1019·8	*	30	0	NW	2	f	*	*	*

Morning of 22ND	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Iceland.						
Isafjord	991·9	30	-7	NE	6	o
Reykjavik	991·5	39	0	E	4	o
Vestmanna	993·4	41	0	SW	7	o
Seydisfjord	986·3	32	-9	Calm	0	m
Thorshavn	1004·3	50	+5	Calm	0	m

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom

23RD AND 24TH MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·52	12·0	6·8
	5·50	12·0	6·10
Greenwich	5·59	12·7	6·15
	5·57	12·7	6·17
Wick	6·10	12·19	6·27
	6·7	12·19	6·30
Valencia	6·40	12·48	6·56
	6·38	12·48	6·58

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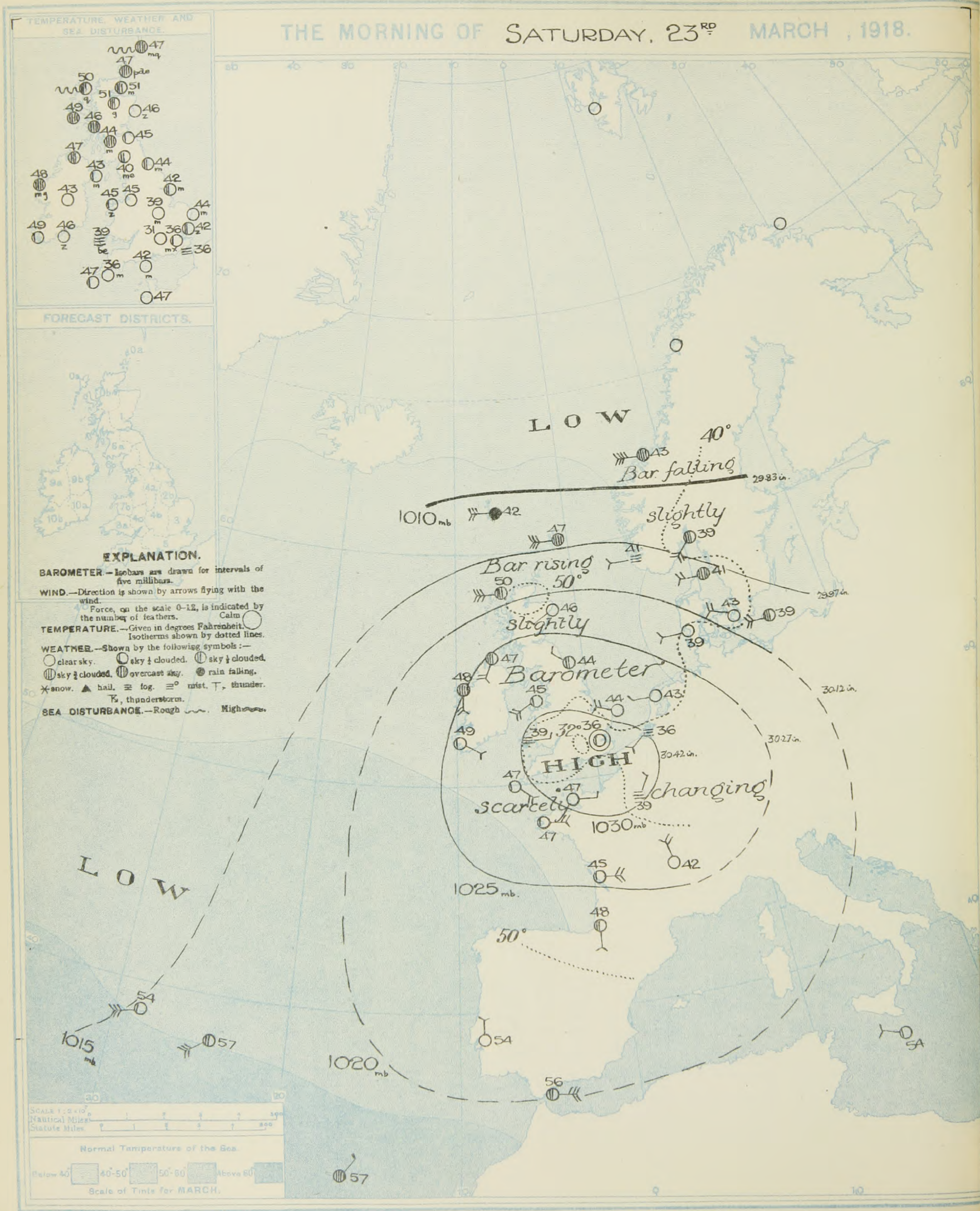
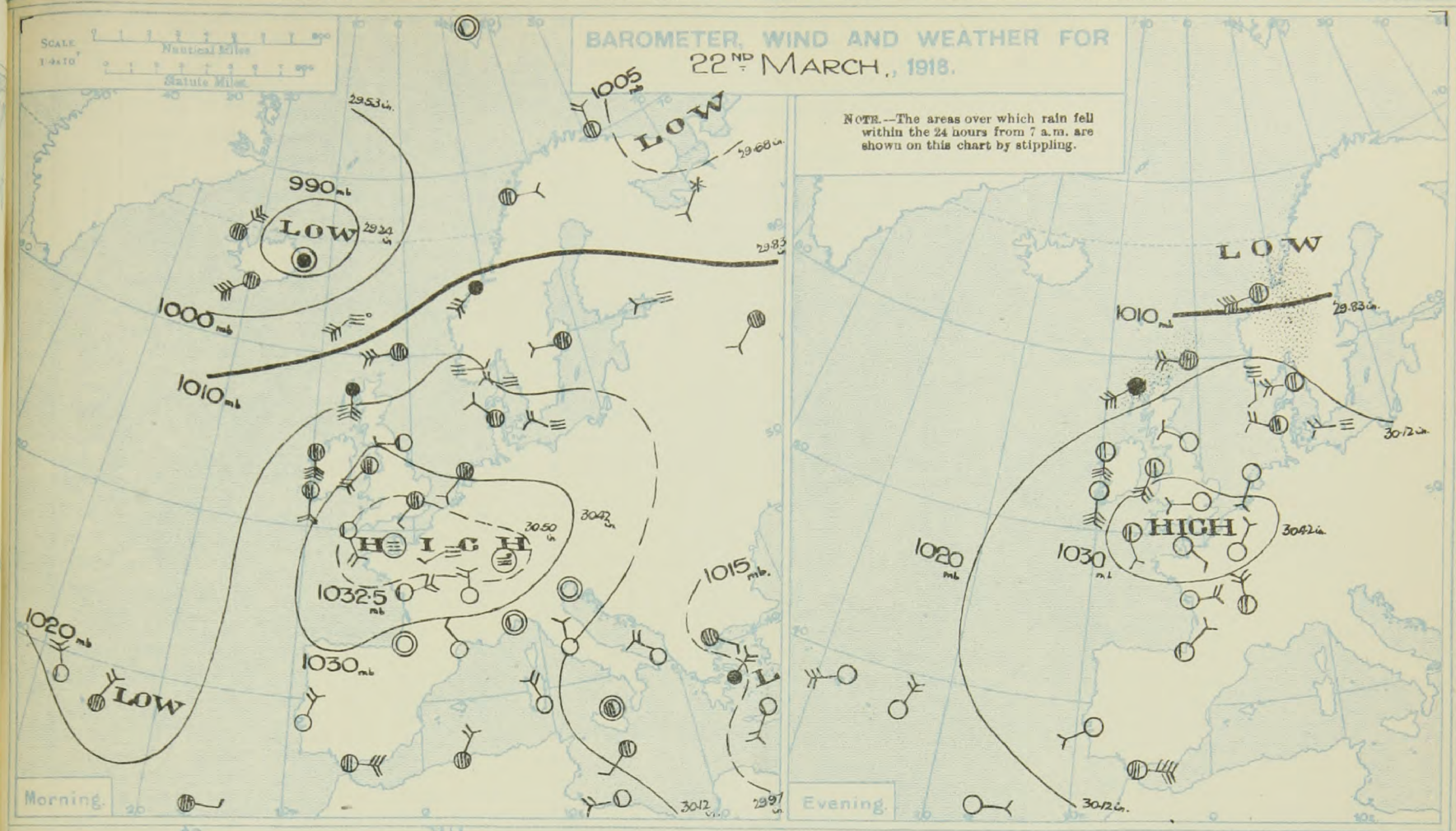
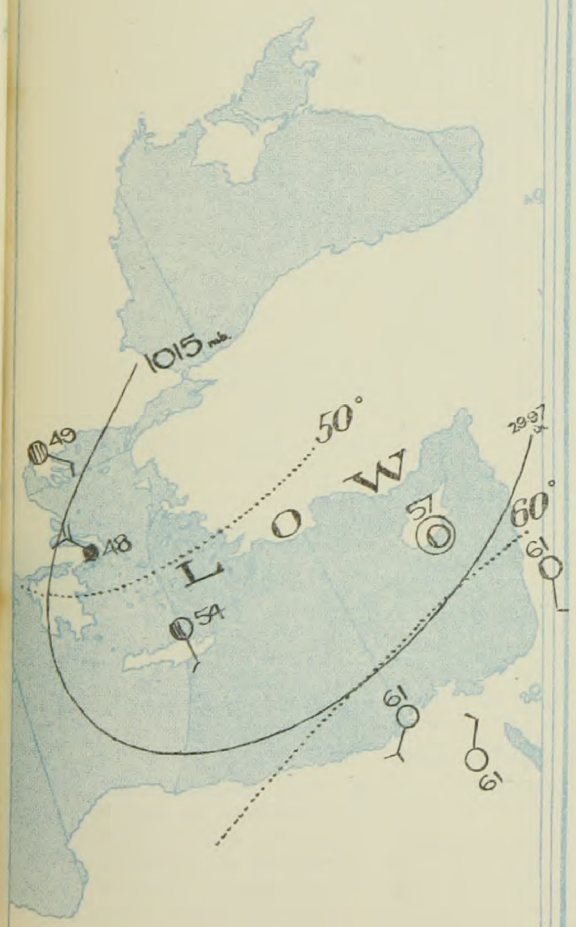
‡ The barometric change is expressed in half-millibars.

THE MORNING OF SATURDAY, 23RD MARCH, 1918.







The Present Situation

The anticyclone has moved slowly northward, and is now centred over the Thames watershed. Except in the north of Scotland where strong W. winds are blowing, winds have become generally light over the British Isles. Mist or fog continues in the English Channel, the Irish Sea and over NE. France. The depression in the Eastern Mediterranean has caused strong NE. winds and rain in the Aegean.

The General Outlook

Pressure has fallen by about 5 millibars in the centre of the anticyclone, but there is no indication of its breaking up at present. The present fine weather is, therefore, likely to continue.

E.G.B.

R. G. K. LEMPFERT, C.B.E., Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 82. SATURDAY 23RD MARCH

	STATIONS.	Evening of 22nd: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 23rd: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 A.M. 23rd: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 22nd Hours.
BRITISH ISLANDS.	Lerwick ...	1018.7	46	W	5	omq.	1012.3	-1	47	-1	W	6	-	omq	5	4	49	44	omq	omq.	omdq	*
	Deerness (Orkney)	1020.6	49	WSW	3	o.	1018.3	*	47	-2	W	5	-	oepd.	4	1	53	44	c.o	o	oe.	0.0
	Stornoway ...	1019.5	47	SW	6	odq.	1019.9	+3	50	+4	W	6	-	cq	5	3	51	45	orq	odq.	ocq	0.0
	Castlebay (Barra Isd.)	1021.7	49	SSW	4	c	1023.0	+1	49	+2	WSW	4	-	o	4	0.2	49	47	o	o.bc	op.o	0.2
	Glasgow ...	1025.8	53	SW	3	cm.	1025.9	0	44	0	W	2	-	om	*	-	56	42	bc.bz	bcz.	bc.b.om	8.8
	Eskdalemuir ...	1026.8	44	SSW	2	c	1027.4	-1	40	+1	SW	4	SW	bcmc	*	-	49	36	om.oc.	o.c.bc.c	cm.bcm	5.9
	Malin Head ...	1022.6	57	S	5	bcq	1025.1	+2	47	+4	SSW	3	S	c	3	-	59	43	bcq.	bcq	om	9.6
	Blacksod Point	1022.4	50	S	6	bcm.	1025.5	+2	48	+1	S	3	-	omq	4	-	52	46	bc	bcm.	omom	*
	Valencia (Cahirciveen)	1025.6	53	S	6	b	1026.4	-1	49	0	ESE	2	SW	b	3	-	56	48	c.b.	b.	-b	8.6
	Roche's Point	1029.3	50	SSW	3	b	1029.2	*	46	-1	SE	2	-	bz	3	0.4	53	43	b.	b	bzW	*
	Birr Castle ...	1026.0	56	SW	2	b	1027.8	*	43	-1	SE	1	-	b	*	-	64	40	b.	b.	b	10.3
	Donaghadee ...	1025.5	50	SSW	4	bcm.	1027.3	+2	43	+1	SW	3	-	bmf.	2	-	57	41	bcm	bcm	bcm.	*
	Liverpool (Bidston)	1029.9	55	WSW	2	b	1029.1	0	45	+6	WSW	1	-	b	1	-	62	39	b.	b.	-b	10.6
	Holyhead ...	1029.3	48	SSW	5	b	1028.6	0	45	0	SW	4	-	b	3	-	52	44	cf.bc.b	b.bc.b	b	8.7
	Pembroke (St. Ann's)	1032.0	47	SE	2	b	1030.9	-1	39	-4	E	1	-	bfe	3	0.1	49	39	bc.f	bc	bc.bfe	9.2
	Hartland Quay	1032.0	54	SSW	1	b	1030.7	0	46	+5	ESE	2	SW	b	2	-	56	40	b.m.b	b	b	*
	Scilly (St. Mary's)	1031.7	50	SSE	2	bcm	1029.7	0	47	+2	SE	3	-	b	4	0.2	54	44	b.f.b	b.bcm	b	8.7
	Falmouth ...	1032.8	43	SE	2	f.	1030.5	0	36	-6	N	1	-	bm	*	-	47	34	fe.f	f	fe.bm	0.1
	Jersey (St. Aubin)	1032.1	53	SE	1	b.	1030.1	*	47	+12	E	1	-	b	1	-	53	34	fe.b.fe	fe.b	bW	8.0
	Portland Bill ...	1033.0	45	WSW	1	f	1030.4	-1	42	+2	Calm	0	-	bm	3	0.2	45	37	f.	mf	f	*
	Dungeness ...	1031.4	41	SW	3	f	1030.4	0	36	-2	W	1	-	f	1	0.2	43	32	f.	f.	fe	*
	Dover	*	*	*	*	*													*	*		
	Wick	1021.5	51	W	2	omq.	1019.7	+2	51	+1	WSW	3	-	cm	2	-	56	45	om	om.	o.c.bc.c	*
	Nairn	1022.3	53	SW	1	bc	1020.9	*	51	0	WSW	2	-	cq	1	-	60	48	cq.bc	bc.	bc.c	4.0
	Aberdeen ...	1023.0	57	SSW	3	b.	1022.2	+1	46	-1	SW	1	-	bz	2	-	65	43	bc.b	bz	bWz	7.5
	Leith	1024.7	55	SW	2	bc	1024.7	0	45	+1	SW	2	W	b	2	-	61	43	b.	bc.b.bc.	bc.b	*
	Tynemouth ...	1028.0	57	WNW	2	bm.	1026.6	0	42	-4	NW	1	NW	bcm	2	-	63	42	bm.	bm.	bm	*
	Spurn Head ...	1029.7	53	NNW	1	bm	1029.1	0	42	+1	W	2	-	bcm	2	-	58	40	bm	cm.	bcm	8.0
	Yarmouth (Gorleston)	1029.5	45	SSE	1	b	1028.7	0	44	+4	WNW	3	-	bm	3	-	64	40	bm.bcm	bm	bm	9.0
	Clacton-on-Sea	1030.5	53	SW	1	bcz	1030.2	0	42	+1	W	2	-	bcz	1	-	58	39	bcm	bcmz.	b.bcz.	9.6
	Nottingham ...	1030.1	58	SW	2	b	1030.0	*	39	+1	W	1	-	bm.	*	-	65	37	bc.b	bm.	bm	10.0
	Benson (Oxon.) ...	1030.1	58	W	1	b.	1030.5	+2	31	0	Calm	0	-	b	*	-	64	28	b.	b.	bmq	*
	Sth Farnborough	1031.7	60	W	1	bcy	1031.4	0	30	0	W	1	N	bcmx	*	-	67	28	fx.cy.	cy.bcy.	ybcxm	9.8
	Salisbury Plain	1032.3	54	NNW	2	b	1031.5	-1	42	+15	Calm	0	-	b	*	-	62	27	bc.	b	bx	*
	London (Kew Obsy.)	1031.6	61	W	2	bc	1031.1	+1	36	-1	Calm	0	-	bmx	*	-	64	35	cmx.bcm	b.bv.bc	bcbmx	9.0
NORTHERN EUROPE.	Spitsbergen ...												*		*	*						
	Vardö															*						
	Bodö																					
	Christiansund ...	1009.8	46	WSW	8	c	1008.0	-2	43	-5	W	7	-	o	6	13	50	43				
	Skudesnaes ..	1021.8	45	S	1	m	1016.3	-3	41	0	W	2	-	f	2	-	45	37				
	Færder (X'iania Fjord)	1013.8	45	WSW	5	o	1012.0	-4	39	+2	SW	4	SE	c	2	4	45	36				
	The Scaw (Skagen)	1017.2	41	W	4	c	1015.6	-1	41	+2	W	3	-	o	3	-	46	39				
	Blaavands Huk	1025.8	41	WNW	3	c	1023.0	-2	39	-2	W	2	-	b	*	trace	45	37				
	Copenhagen ...	1022.6	48	W	3	m	1019.8	0	43	0	WNW	3	-	b	*	-	48	23				
	Bornholm ...	1020.2	37	W	3	f	1017.5	0	39	0	W	4	-	c	1	-	36	36				
FRANCE, &c.	The Helder ...	1029.9	43	SW	2	b	1027.9	0	43	0	W	1	-	b	0	-	48	39				
	C. Gris Nez ...	1032.0	39	SSW	3	f	1030.2	0	38	-2	SSW	2	*	f	2	trace	50	37				
	La Hève	1026.6	45	NE	1	b	1031.0	*	34	?	Calm	0	*	f	2	-	46	34				
	Brest (St. Mathieu)	1034.0	54	NNE	1	b	1029.5	+1	47	+1	E	3	*	b	2	-	64	41				
	Rochefort (Ile d'Aix)	1028.6	59	ENE	3	b	1025.9	0	45	+1	E	4	*	b	*	-	70	44				
	Biarritz	1026.3	56	NE	2	b	1022.8	-1	48	+1	S	2	*	bc	2	-	63	47				
	Paris	1031.2	54	NNE	2	b	1030.3	+1	39	+5	NNE	1	-	f	*	-	59	34				
	Belfort							*					*		*							
	Lyons	1025.1	55	NNW	4	bc	1027.5	*	42	-1	NNW	3	*	b	*	-	62	40				
	Nice												*									
	Perpignan ..														*							
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna																					
	Madrid														*							
	Lisbon	1022.2	68	SW	2	b	1021.5	0	54	0	N	2	-	b	5	-	68	54				
	Azores (Horta) ...	1019.1	*	WSW	5	b	1015.4	+1	54	+4	WSW	6	*	b	4	1	59	50				
	Madeira	1018.8	63	E	2	b	1019.6	0	57	0	NE	1	-	o	1	-	63	55				
	Gibraltar	1022.7	57	E	7	c	1020.0	*	56	-1	E	5	*	bc	4	-	59	55				
	Malta	*	*	*	*	*	1017.9	+2	54	+4	WNW	2	-	b	1	-	59	50				
	Limassol	*	*	*	*	*	1013.1	0	57	0	Calm	0	-	b	0	6	63	48				
	Alexandria ...	1016.7	61	N	4	b	1017.8	+1	61	0	SW	2	-	b	1	-	72	54				
	Cairo (Helwan) ...	1015.0	68	N	3	bc	1017.9	+3	61	-2	NE	1	-	b	*	-	75	54				

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

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LONDON 23RD MARCH 9h. G.M.T.

	Humidity 15 h. 22nd	Humidity 9 h. 23rd	Sunshine for 22nd Hours.	24 Hours ended 9 h. 23rd: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
	%	%								
GREENWICH (Royal Observatory)	40	56	9.3	67	34	24	0.0	bz	bz	f
CITY (Bunhill Row)	*	*	6.5	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	37	80	8.3	68	*	31	0.0	bc	b	b.bcmf
CAMDEN SQ. (British Rainfall) ..	38	60	7.1	69	37	31	0.0	b	b	*
S. KENSINGTON (Museum Grounds)	*	70	8.1	69	41	*	0.0	b	b	b.

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 22nd

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1210	27.6	54

The thermometers at Greenwich and Camden Square are in Glaisher screens.

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METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20576 SUNDAY, 24TH MARCH .....1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4)

Temperature exceeded 60° at many stations, and touched 70° at South Farnborough and South Kensington. Frost occurred during the night in the Thames watershed, the result being an unusually large range of temperature, a drop of 41° at Benson, and 42° at South Farnborough. As a rule there was abundance of sunshine, from 11 to 11½ hours in places.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 23RD MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 23RD
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	57	48	c.bc.	b.bc	5.7
	Montrose	-	-	60	44	b	b	7.8
	St. Andrews							
Eng. N.E.	Harrogate	-	-	63	43	b	b	10.8
	Skegness	-	-	62	35	b	b	9.5
England, E.	Felixstowe	-	-	64	37	bm	bm	11.0
	Southend-on-Sea	-	-	68	40	b3b	b.b3	9.0
England, S.E.	Margate	-	-	63	41	b	b	10.5
	Hastings	-	-	59	34	b	b	10.3
	Eastbourne	-	-	59	33	bc.b	b	8.5
	Seaford	*	*	52	31	*	*	9.8
	Worthing	-	-	60	32	b	b	10.7
	Littlehampton	-	-	54	33	*	*	10.7
	Bournemouth	-	-	62	34	b	b3	10.8
Scotland W.	Oban	-	0.1	48	44	op	o	0.0
Eng. N.W.	Morecambe	-	-	59	35	*	*	10.7
	Southport							
Midlands.	Malvern	-	-	66	39	x.bc	b	9.9
	Ross-on-Wye							
Wales.	Rhyl	*	*	57	39	c.o.b	.bcr.	10.5
	Colwyn Bay							
	Llandudno	*	*					
	Aberystwyth	*	*					
England, S.W.	Weymouth	*	*	59	34	b	b	11.1
	Torquay	-	-	55	31	b	b	10.7
	Paignton	*	*	57	39	b	b	11.0
	Penzance	-	-					
	Newquay							
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 23RD MARCH

	STATIONS.	Evening of 22ND Barom. Millibars at M.S.L.	Evening Temp.	Evening Wind Direc.	Evening Wind Force 0-12.	Evening Weather.	Morning of 23RD Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel														*	
	Hangö														*	
	Yuriev															
	Petrograd	1008.2	32	WSW	2	0	993.7	-10	34	+6	WSW	4	0	1	*	27
	Vijni Volotchok	1012.8	32	SW	2	0	1003.5	+1	32	0	SW	2	0	-	*	27
	Gorki							*							*	
	Moscow	1014.0	34	WNW	2	0	1008.7	-5	32	+2	SW	3	0	-	*	30
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice	1023.9	52	SW	1	b	1024.7	*	48	-6	NNW	1	0	-	57	46
	Turin	1025.3	50	Calm	0	bc	1026.7	*	46	+1	Calm	0	c	-	61	43
	Pesaro	1023.5	50	NW	1	b	1025.0	*	50	0	NW	1	b	-	54	39
	Leghorn	1021.9	55	Calm	0	b	1022.9	*	52	0	Calm	0	c	trace	63	48
	Rome	1018.3	50	E	3	b	1021.4	*	?	?	N	1	b	-	64	45
	Viesti	1015.5	52	SSW	3	b	1019.1	*	54	0	NW	2	b	-	59	48
	Brindisi	1014.1	55	NW	3	0	1017.9	*	55	+1	NW	2	0	-	57	52
	Cagliari	1019.1	59	ENE	5	b	1020.6	*	54	-1	NW	4	b	1	66	48
	Palermo	1016.9	54	NW	1	f	1019.5	*	46	?	SSW	1	f	-	64	43
	Tripoli	1021.9	?	N	2	b	1023.9	*	52	0	WSW	2	b	trace	59	46
	Algiers															
Sweden.	Hernösand						994.3	*	46	+12	W	6	b	*	*	*
	Stockholm						1005.5	*	43	+11	W	6	b	*	*	*
	Wisby						1009.5	*	39	+9	WSW	4	b	*	*	*

ICELAND.	Morning of 23RD Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1000.3	32	+2	Calm	0	0
Reykjavik	1002.0	39	0	SW	3	bc
Vestmanna	1004.7	39	-2	WSW	5	bc
Seydisfjord						
Thorshavn	1011.8	42	-8	W	5	r

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

24TH AND 25TH MAR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.50	12.0	6.10
	5.48	11.59	6.11
Greenwich	5.57	12.7	6.17
	5.54	12.6	6.18
Wick	6.7	12.19	6.30
	6.4	12.18	6.33
Valencia	6.38	12.48	6.58
	6.35	12.47	6.59

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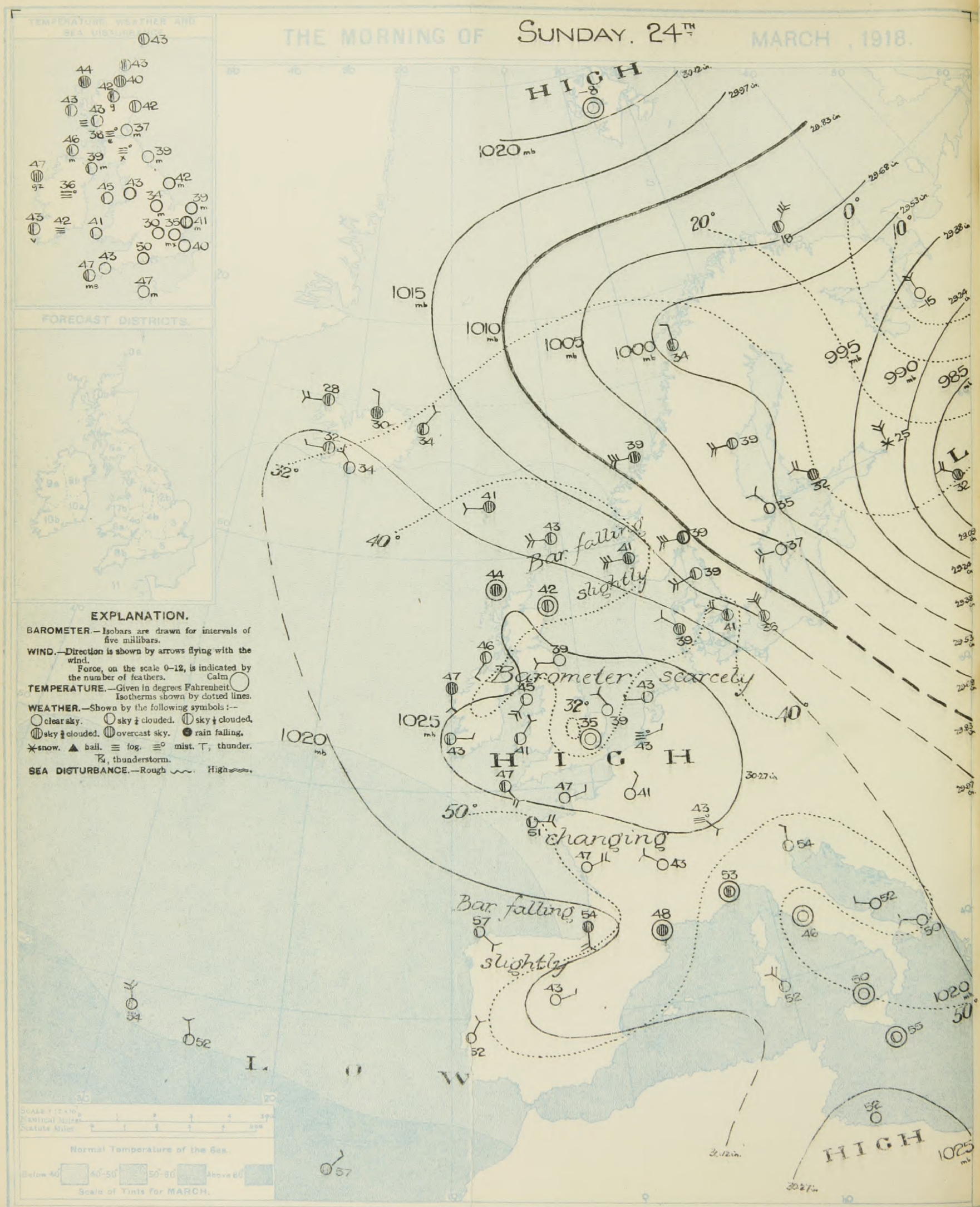
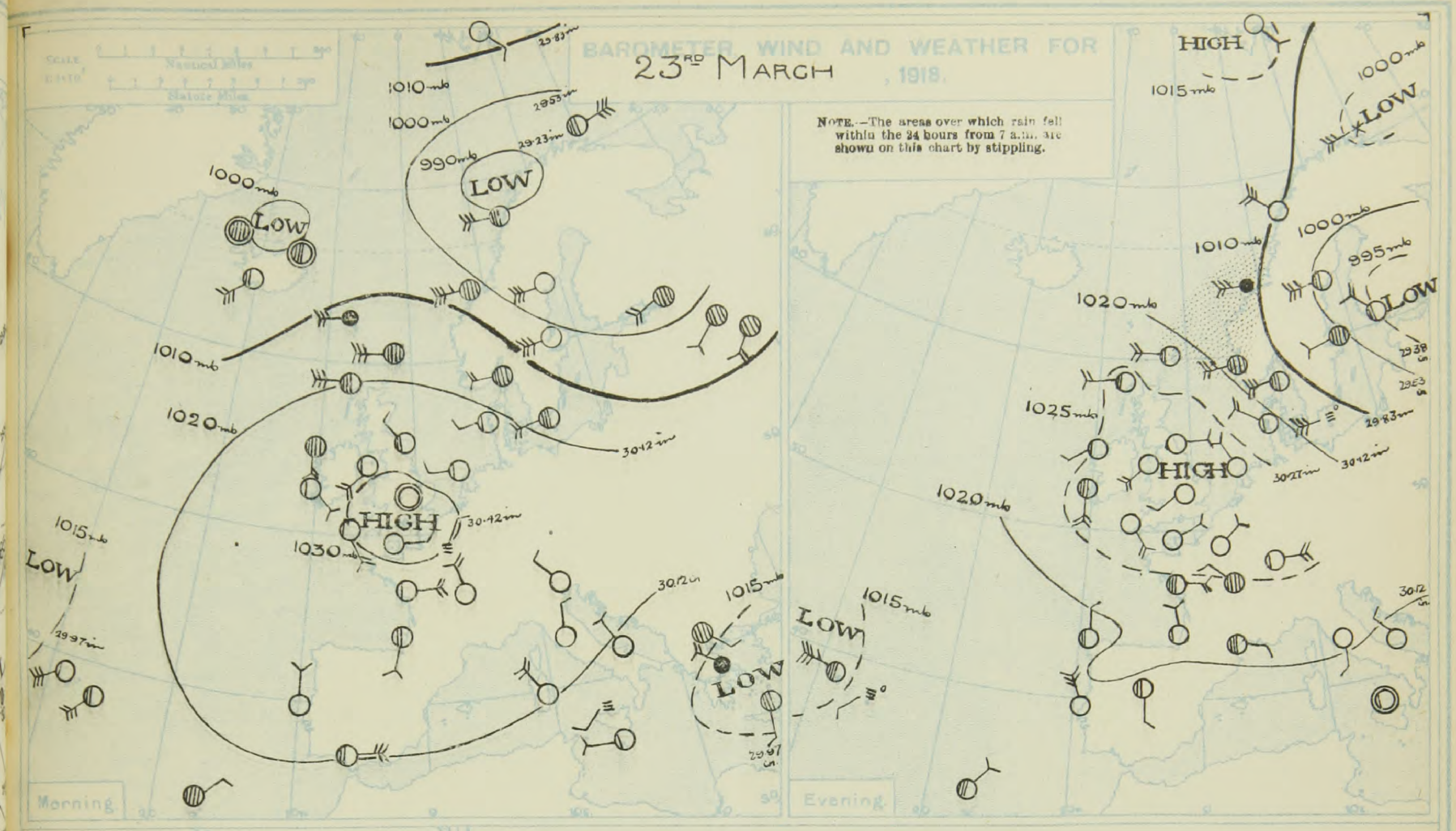
‡ The barometric change is expressed in half-millibars.

THE MORNING OF SUNDAY. 24TH MARCH, 1918.





The Present Situation

Anticyclonic conditions now extend over the whole British Isles, but pressure has become markedly lower generally. Light variable winds and fine or fair weather prevail over these Islands and the Western Continent. A depression lies off the Norwegian Coast, with a well-marked secondary over Sweden, giving fresh Westerly winds over Southern Scandinavia. In the Eastern Mediterranean, a depression centred near Cyprus is increasing in intensity. Elsewhere there is little change since yesterday.

H. M.

R. G. K. LEMPFERT, C.B.E., Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 83... Sunday, 24th March

STATIONS.	Evening of 23rd: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 24th: Barometer Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 a.m. 24th: Rainfall Millimetres.	Temp. Max.	Temp. Min.	Weather Morning.	Afternoon.	Night.	Sunshine for 23rd
		°F.						°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.																					
Lerwick ...	1020.9	47	W	4	bc	1018.1	-1	43	-4	W	3	W	bc	3	0.2	50	42	bc	bc	bc	*
Deerness (Orkney)	1023.3	45	W	4	bc	1022.3	*	43	-4	W	2	SE	c	1	1	50	41	opd.c.	cpd.bc	b.bc	9.5
Stornoway ...	1025.2	49	W	3	bc	1023.5	0	44	-6	-	0	-	o	0	-	52	42	c.bcq	bc	bc.o	4.0
Castlebay (Barra Isd.)	1025.7	49	SW	1	o	1024.2	0	43	-6	-	0	-	bcf	1	-	52	43	o.bcm	bcm.o	of.bcf.	4.5
Glasgow ...	1027.7	49	SW	1	om	1025.1	-1	38	-6	SSE	1	-	me	*	0.2	50	38	om	om	c.bme	0.0
Eskdalemuir ...	1027.7	47	WSW	3	by	1027.1	-1	25	-15	-	0	-	bmxc	*	-	55	23	cmomc.	b.by.	bm.omb.	6.8
Malin Head ...	1026.6	49	E	2	om	1023.0	0	46	-1	SW	1	S	bcm	2	-	55	43	bcm	bcm	bcm	7.2
Blacksod Point	1025.0	53	SW	1	by	1025.2	0	47	-1	S	2	-	ogy	3	-	57	45	bcm	by	bcmog.	*
Valencia (Cahirciveen)	1025.3	53	S	4	c	1025.1	0	43	-6	E	1	-	bcw	3	0.2	60	40	b.by.	b.bc	b.bw	9.9
Roche's Point	1028.1	50	SE	3	b	1027.2	*	42	-4	SSE	1	-	f	2	0.4	52	41	b	b	bfe	*
Birr Castle ...	1025.8	54	E	1	bc	1026.3	*	36	-7	S	1	-	m	*	-	65	35	b	bc	bcxy.	10.2
Donaghadee ...	1026.3	55	SSW	2	b	1024.4	0	39	-4	SSW	1	-	bm	1	-	61	39	bm	bm	bmbf	*
Liverpool (Bidston)	1028.3	54	WNW	1	b	1026.3	0	43	-2	-	0	-	b	0	-	59	40	b	b	b	10.8
Holyhead ...	1028.3	52	SW	4	bv	1025.9	-1	45	0	SW	4	-	b	2	-	56	42	bc.by.	by.bv.	bx	10.2
Pembroke (St. Ann's)	1030.6	51	ESE	1	b	1027.1	-0	41	+2	NE	2	-	bx	2	-	54	40	bf.by.	b	bx	10.9
Hartland Quay	1028.5	58	NE	2	by	1026.4	-1	47	+1	E	2	-	b	2	-	60	45	b.bm	bm.by	b	*
Scilly (St. Mary's)	1028.6	49	SE	3	b	1025.9	-1	47	0	SSE	3	-	bcme	4	0.1	55	45	b.bc	bc.b.	b.bcme	11.4
Falmouth ...	1028.7	50	-	0	by	1026.3	-1	43	+7	NE	1	-	b	*	-	56	35	bmby	by	bbw	11.2
Jersey (St. Aubin)	1028.0	59	ENE	2	b	1025.6	*	47	0	ENE	1	-	bm	1	-	64	44	b	b	bmw.	10.7
Portland Bill ...	1029.0	50	NW	1	b	1026.2	-1	50	+8	SSE	1	-	b	2	-	?57	?42	bm	b	b	*
Dungeness ...	1028.3	47	SW	1	b	1026.1	0	40	+4	N	2	-	b	1	-	50	34	f.eb. *	b *	b	*
Dover	*	*	*	*	*																
Wick	1024.3	47	WNW	4	bcm	1023.2	-2	40	-11	W	1	-	om	1	-	57	35	cm	c.bcm	bcmom	*
Nairn	1024.6	53	-	0	bc	1022.9	*	42	-9	-	0	-	cg	0	-	59	40	c.bcq	b.bc	bcw	5.8
Aberdeen ...	1025.3	52	NE	2	b	1023.5	-1	42	-4	-	0	-	bc	2	-	63	41	b.bc.	bc.b.	b.bc.	9.0
Leith	1026.4	52	W	1	c	1024.1	0	37	-8	W	1	-	bm	1	-	55	36	b.bc.c.o	o.c.bc.c.	cbwmb.	*
Tynemouth ...	1027.2	55	NW	2	bm	1025.4	-2	39	-3	W	2	-	bm	2	-	63	39	bm	bm	bm	*
Spurn Head ...	1028.0	52	NW	2	bcm	1026.4	-1	42	0	NW	2	-	bm	2	-	59	40	bcm	bcm	bm	8.5
Yarmouth (Gorleston)	1027.0	52	S	1	b	1026.2	-1	39	-5	NW	2	-	bm	1	-	65	39	bm	bm	bm	10.5
Clacton-on-Sea	1028.2	53	SSE	1	by	1026.5	0	41	-1	WNW	2	-	bm	1	-	62	41	bc.bc.	by	byxm	11.0
Nottingham ...	1028.2	60	W	1	bm	1027.2	*	34	-5	WSW	1	-	bmx	*	-	69	33	b	b	bm	9.5
Benson (Oxon.) ...	1028.2	61	-	0	b	1027.4	-1	30	-1	-	0	-	b	*	-	67	26	b	b	b	*
Sth Farnborough	1028.6	61	WNW	1	byy	1027.7	-1	30	0	WNW	1	-	bxcm	*	-	70	28	mxbcby	byy	bxcm	11.1
Salisbury Plain	1029.4	59	NNW	1	b	1017.2	-1	44	+2	NE	2	-	m	*	-	65	38	bc.b.	bc	bm	*
London (Kew Obsy.)	1028.2	64	WSW	1	b	1027.3	0	35	-1	-	0	-	bmx	*	-	66	35	bmx.by	by.b	bmx omx	9.8
NORTHERN EUROPE.																					
Spitsbergen ...	1016.2	-31	SSE	1	b	1021.1	+1	-26	0	-	0	*	b	*	*	-18	-33				
Vardö	1000.7	14	W	5	s	1007.0	+5	18	-1	NE	5	-	c	4	*	19	14				
Bodö	999.4	34	NW	4	c	999.0	0	34	-5	N	1	-	c	1	-	39	28				
Christiansund ...	1010.4	41	W	6	r	1007.1	-1	39	-4	W	5	-	o	6	11	43	37				
Skudesnaes ..	1019.5	41	W	5	o	1018.0	-1	41	0	W	5	-	c	3	1	45	39				
Færder (X'ianiaFjord)	1010.0	46	NW	5	b	1010.7	-1	39	0	W	5	SW	c	3	-	46	37				
The Scaw (Skagen)	1010.7	41	W	5	c	1013.4	-1	39	-2	WSW	4	W	bc	4	-	46	39				
Blaavands Huk	1021.9	41	WNW	3	b	1022.2	-1	39	0	WNW	2	-	o	*	-	45	37				
Copenhagen ...	1015.8	50	WNW	4	b	1016.6	-1	41	-2	WNW	4	-	c	*	-	57	39				
Bornholm ...	1012.8	41	W	6	m	1014.8	+1	36	-3	NW	5	-	c	1	-	41	34				
FRANCE, &c.																					
The Helder ...	1027.4	43	NW	2	b	1026.0	-1	43	0	W	1	-	b	1	-	50	41				
C. Gris Nez ...	1028.8	47	NW	1	b	1026.4	0	46	+8	NE	1	*	b	0	-	54	37				
La Hève	1028.3	56	NNE	3	m	1026.6	*	49	+15	ENE	1	*	m	2	-	61	34				
Brest (St. Mathieu)	1027.4	57	N	2	b	1024.7	-1	51	+4	E	3	*	b	2	-	59	47				
Rochefort (Ile d'Aix)	1023.6	59	E	3	c	1021.5	-1	47	+2	ENE	3	*	b	*	-	70	45				
Biarritz	1021.2	55	N	2	b	1019.8	-1	54	+6	S	3	*	o	2	-	63	48				
Paris	1027.1	59	NE	2	b	1025.5	0	41	+2	NNE	1	-	b	*	-	66	39				
Belfort	1026.0	57	E	4	b	1025.1	*	43		SE	2	*	m	*	-	60	40				
Lyons	1024.6	55	WNW	1	o	1023.4	*	43	+1	WNW	1	*	b	*	-	62	42				
Nice	1022.6	51	E	2	o	1022.8	+1	53		-	0	*	c	2	-	59	46				
Perpignan ..	1023.9	54	E	1	c	1021.6	0	48		-	0	-	o	*	-	69	43				
Sanguinaire ...							*					*									
SOUTHERN STATIONS.																					
Corunna	1019.5	61	N	1	bc	1018.0	-1	57		SE	2	-	b	2	-	64	46				
Madrid	1017.6	63	S	1	bc	1023.8	-2	43		-	0	E	b	*	-	63	37				
Lisbon	1017.6	68	NNW	5	b	1017.5	+1	52	-2	NNE	2	-	b	5	-	70	52				
Azores (Horta) ...	1014.0	*	W	7	c	1017.1	+1	54	0	NW	4	*	bc	5	2	61	54				
Madeira	1019.0	61	NE	4	c	1018.6	-1	57	0	ENE	1	-	o	1	-	64	57				
Gibraltar							*					*									
Malta	*	*	*	*	*	1021.6	-0	55	+1	-	0	-	b	1	[illegible]	81	52				
Limassol	*	*	*	*	*	1008.4	-2	57	0	W	1	-	c	2	8	64	46				
Alexandria ...	1017.5	61	NNW	4	b	1015.2	-1	61	0	W	4	NW	b	3	-	70	69				
Cairo (Helwan) ...	1017.1	64	N	3	b	1015.6	0	59	-2	SE	1	-	b	*	-	91	52				

BEAUFORT NOTATION.

b blue sky (not more than a quarter of the sky covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling, a copious deposit of water on trees, buildings or rigging.
f fog.
g gloom.
h hail.
l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility. The horizon or distant hills unusually clear.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

LONDON 24th March 9h. G.M.T.	Humidity 15 h. 23rd	Humidity 9 h. 24th	Sunshine for 23rd	24 Hours ended 9 h. 24th: Temperature Max.	Min.	Min. on Grass.	Rainfall.	Weather Morning.	Afternoon.	Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	45	68	10.2	66	34	23	-	b	b	byx
CITY (Bunhill Row)	*	*	9.3	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	41	?	9.8	?	?	?	-	m.b.	mb.	mb.b.
CAMDEN SQ. (British Rainfall) ..	39	85	8.1	70	36	30	-	b	b	*
S. KENSINGTON (Museum Grounds)	*	67	9.4	70	41	*	-	b.by	by	by.bm.

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 23rd...

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1100	24.9	47

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29,577 ... MONDAY, 25TH. MARCH. 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature rose to 60° or above over a large portion of the Kingdom and touched 70° in a few English localities. The weather continued fair or bright very generally, and much sunshine was recorded except in the north of Scotland.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 24TH MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	1	1	49	36	or do	c or	0·0
	Montrose	-	-	58	32	b.	o	7·8
	St. Andrews							
Eng. N.E.	Harrogate	-	-	62	40	b.	b	10·5
	Skegness	-	-	67	33	b.	b	9·8
England, E.	Felixstowe	-	-	60	38	bm.	bm.	10·2
	Southend-on-Sea	-	-	62	39	b3 b	b	9·3
England, S.E.	Margate	-	-	63	41	b	b	11·1
	Hastings	-	-	63	43	b	b	11·0
	Eastbourne	-	-	64	36	b	b	10·3
	Seaford	*	*					
	Worthing	-	-	62	37	b.	b	10·5
	Littlehampton							
	Bournemouth	-	-	64	38	b	b	10·2

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for
		Mm.	Mm.	°F.	°F.			Hr.
Sc'tld W.	Oban	-	-	48	36	f.	c o	0·1
Eng. N.W.	Morecambe	-	-	55	34	bc b	b	9·5
	Southport							
Midlands.	Malvern	-	-	70	31	b	b.	9·9
	Ross-on-Wye							
Wales.	Rhyl	-	-	58	36	bc	b.	10·0
	Colwyn Bay	-	-	61	38	bc	b.	10·6
	Llandudno	*	*	59	36	b	b	10·0
	Aberystwyth	*	*	57	40	c b.	b	10·5
England, S.W.	Weymouth	*	*					
	Torquay	-	-	62	40	b	b.	10·3
	Paignton	*	*					
	Penzance							
	Newquay	-	-	63	35	b	b.	9·9
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 24TH MARCH

	STATIONS.	Evening of 23RD. Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 24TH. Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	?	10	SSE	5	o	993·6	+9	-15		N	3	b	-	*	-17
	Hangö	995·7	37	WNW	3	bc	998·7	+2	32		WNW	3	o	-	*	30
	Yuriev															
	Petrograd	983·8	37	WNW	5	o	991·8	+7	25	-9	N	4	S	1	41	25
	Vijni Volotchok	985·7	36	SW	3	o	982·4	+1	32	o	NW	3	o	4	*	32
	Gorki							*							*	
	Moscow	988·2	36	WSW	1	o	980·0		34	+2	W	2	o	4	*	*
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice						1022·5	*	54	+6	N	1	b	trace	63	46
	Turin						1023·8	*	50	+4	Calm	0	0	-	61	43
	Pesaro							*								
	Leghorn	1020·1	57	Calm	0	c	1021·9	*	55	+5	Calm	0	bc	-	64	50
	Rome	1020·9	52	S	1	b	1023·1	*	46	+3	Calm	0	b	-	63	41
	Viesti	1019·5	52	NW	1	b	1021·4	*	52	-2	NW	1	b	-	59	50
	Brindisi	1019·1	54	NW	2	b	1020·6	*	50	-5	NW	2	b	-	55	50
	Cagliari						1020·6	*	52	-2	NW	3	b	-	68	50
	Palermo	1020·3	52	Calm	0	b	1022·2	*	50	+4	Calm	0	b	-	68	43
	Tripoli	1025·3	59	S	1	b	1026·3	*	52	+6	?	?	b	-	61	43
	Algiers															
SWEDEN.	Hernösand	997·6	43	W	6	bc	1004·2	*	39	-7	W	4	bc	*	*	*
	Stockholm	1001·4	48	W	2	o	1000·0	*	36	-7	NW	2	b	*	*	*
	Wisby	1002·7	41	WNW	2	o	1006·6	*	37	-2	W	4	b	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1019·6	28	-4	W	3	c
Reykjavik	1021·4	32	-7	W	1	bc
Vestmanna	1021·0	34	-5	NW	2	b
Seydisfjord	1019·4	34		NE	2	c
Thorshavn	1017·5	41	-1	W	2	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

25TH AND 26TH MAR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.48 / 5.45	11.59 / 11.59	6.11 / 6.13
Greenwich	5.54 / 5.52	12.6 / 12.6	6.18 / 6.20
Wick	6.4 / 6.1	12.18 / 12.18	6.33 / 6.36
Valencia	6.35 / 6.33	12.47 / 12.47	6.59 / 7.1

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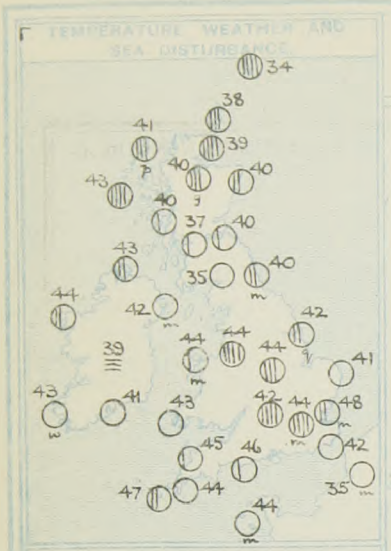
‡ The barometric change is expressed in half-millibars.

THE MORNING OF MONDAY, 25TH MARCH, 1918.



EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm ◯

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—
◯ clear sky. ◐ sky ½ clouded. ◐ sky ½ clouded. ◍ sky ⅞ clouded. ◍ overcast sky. ● rain falling. ✳ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder. Ts, thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ∿∿.

HIGH

Barometer rising scarcely changing

Barometer falling

LOW Barometer

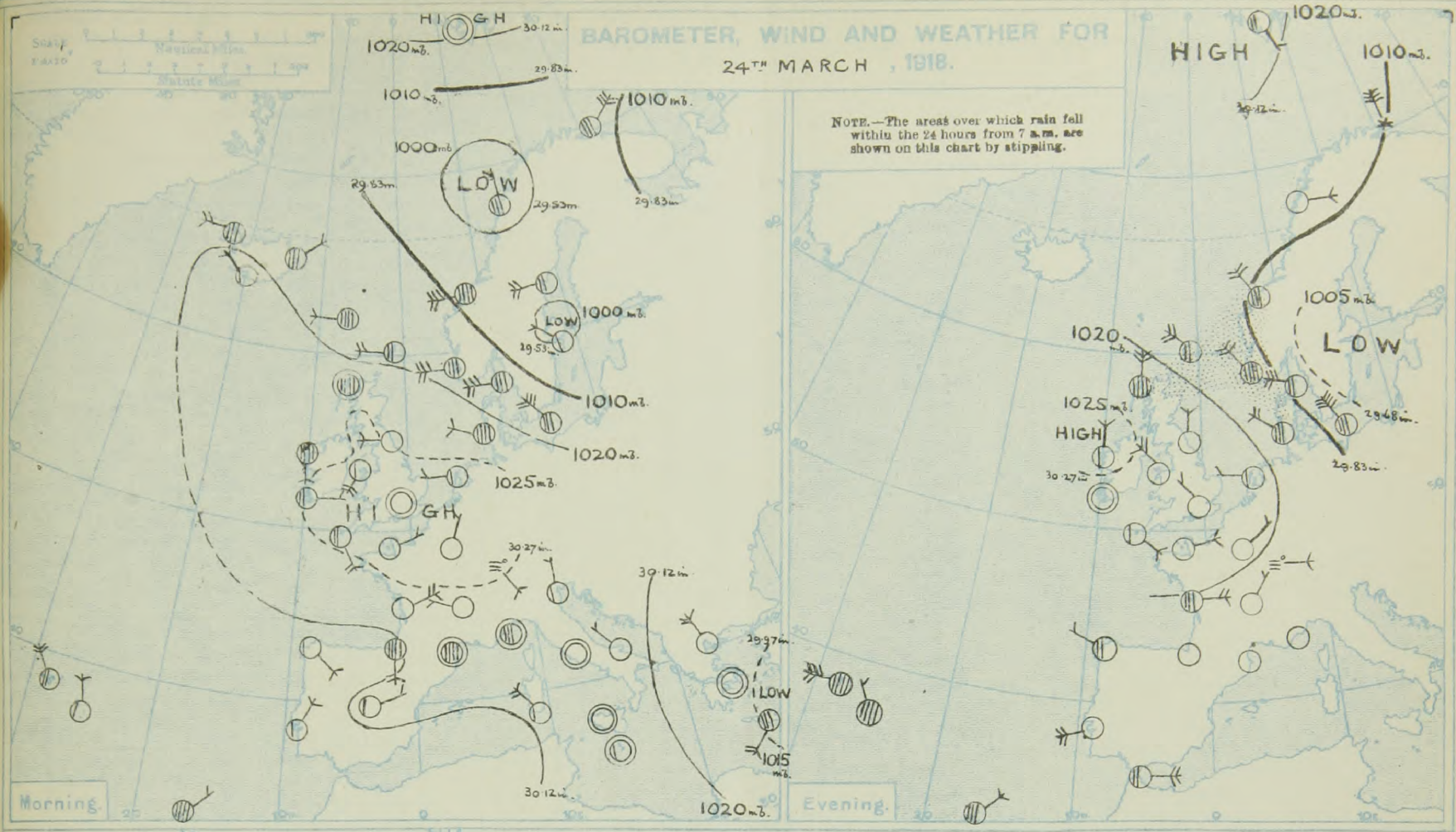
1015 mb. 1020 mb. 1025 mb. 1010 mb. 1005 mb. 1000 mb. 1019·1 mb. 1018·8 mb.

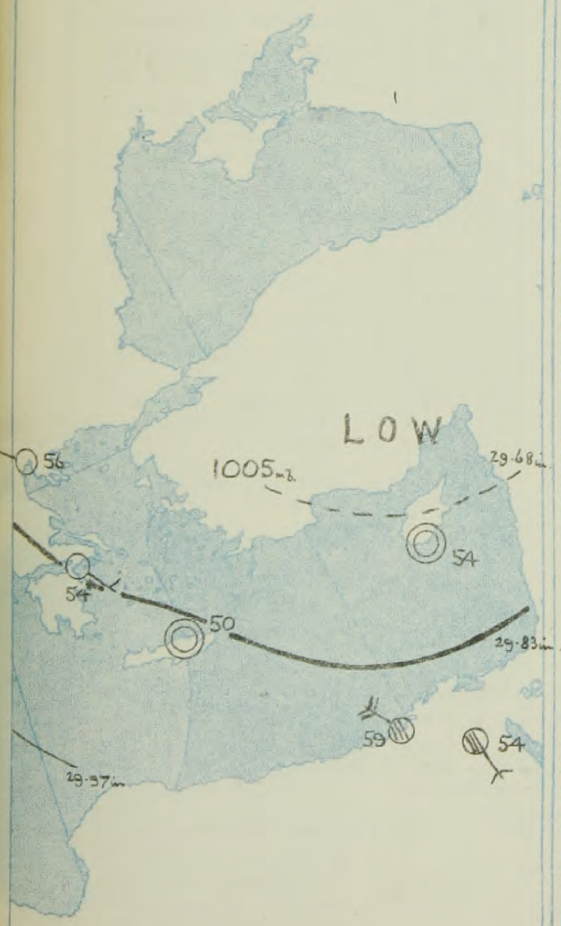
20° 32° 40° 50°

29·53 in. 29·68 in. 29·83 in. 30·27 in. 30·12 in.

Scale 1:2·10⁷
Nautical Miles
Statute Miles

Normal Temperature of the Sea.
Below 40° 40°-50° 50°-60° Above 60°
Scale of Tints for MARCH.





The Present Situation

The highest pressure is now found to the north-west of the British Isles and the lowest over the Southern part of the Baltic. The wind over the United Kingdom and the North Sea has consequently become Northerly, and its force has increased very generally. The sky is overcast at some English stations and also in the far north of Scotland, but as a whole the weather is fair to fine. Fog is reported at Birr Castle and mist locally in Southern England.

The General Outlook

The changes in progress are slight and do not appear likely to bring about any important immediate change in the pressure distribution. The N. wind over the North Sea may increase somewhat for a time, and the general level of temperature will be considerably lower than of late.

R.S.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 84 — MONDAY, 25TH MARCH

	STATIONS.	Evening of 24th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 25th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 a.m. 25th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 24th. Hours.
BRITISH ISLANDS.	Lerwick ...	1018·4	43	NW	4	bc	1021·1	0	34	-9	N	5	-	0	4	1	47	32	bc c	c bc	c osp	*
	Deerness (Orkney)	1021·0	44	WNW	4	c	1022·7	*	38	-5	NW	4	NW	c	3	-	48	37	cy	cy	c	0·7
	Stornoway ...	1024·6	47	N	4	o	1026·1	+1	41	0	NNW	4	-	cp	3	2	49	39	odp	odpc o	bc cp	0·0
	Castlebay (Barra Isd.)	1024·0	49	WNW	3	om	1026·2	0	43	0	N	2	-	o	2	-	50	42	bc f om	om	omb o	0·2
	Glasgow ...	1022·6	46	W	3	cm	1024·9	+1	37	-1	NW	1	-	b	*	-	52	36	mc bc c	c bc cm	cbcbx	3·9
	Eskdalemuir ...	1022·5	47	WNW	3	cg	1024·6	+1	35	+10	N	1	-	bv	*	0·1	56	23	bmw by	byg cg	cgc o c	9·5
	Malin Head ...	1025·2	47	W	3	om	1026·7	0	43	-3	NNE	4	N	bc	4	-	50	42	om	om	bc	0·0
	Blacksod Point	1025·7	49	N	2	bg	1026·4	0	44	-3	ENE	3	NE	bc	3	-	51	43	cm	bg	cm bc	*
	Valencia (Cahirciveen)	1023·7	56	Calm	0	b	1023·5	0	43	0	Calm	0	-	bw	3	-	63	40	b by	by b	b bw	10·5
	Roche's Point	1024·7	50	SSW	1	f	1024·3	*	41	-5	SW	1	-	b	1	0·3	51	40	fc b	f b	bw	*
	Birr Castle ...	1024·5	54	N	1	m	1025·3	*	39	-4	Calm	0	-	f	*	-	63	35	b	bg	f	11·2
	Donaghadee ...	1024·0	48	N	4	bm	1023·9	+2	42	-3	N	4	-	bm	3	-	53	39	bm	bm	bm cmb	*
	Liverpool (Bidston)	1025·[illegible]	47	WNW	2	b	1022·9	0	44	+1	ENE	2	E	o	1	-	56	42	b	b	b o	11·6
	Holyhead ...	1024·3	50	NW	3	bg	1023·0	-1	44	-1	NE	5	-	bm	3	trace	59	43	bg	bg	bw cm	9·7
	Pembroke (St. Ann's)	1024·1	54	NNW	3	b	1022·4	+1	43	+2	NE	3	-	b	3	-	58	47	bg	bg b	b	10·6
	Hartland Quay	1022·7	59	NE	2	by	1020·9	0	45	-1	NE	2	-	b	2	-	62	45	bm by	by	bxb	*
	Scilly (St. Mary's)	1023·3	56	SE	2	b	1020·9	-1	47	0	ENE	3	NE	bc	4	-	56	45	b	b	b bc	10·9
	Falmouth ...	1022·5	56	Calm	0	bgy	1020·4	0	44	+1	NW	2	-	b	*	-	61	41	b bgy	bgy	bgyb	11·4
	Jersey (St. Aubin)	1022·1	60	ENE	2	b	1018·8	*	44	-3	N	2	-	bm	1	-	66	41	bmb	b	bmw	10·5
	Portland Bill ...	1022·7	56	Calm	0	b	1019·7	-1	46	-4	NE	3	-	b	2	-	56	44	b	b	b	*
	Dungeness ...	1022·0	51	SW	1	b	1018·7	+1	42	+2	NNE	3	-	b	3	-	58	38	bg	bc	b	*
	Dover	*	*	*	*	*											*		*			
	Wick	1021·8	45	WNW	4	omq	1023·5	+1	39	-1	NNW	4	-	b	3	0·4	50	38	om	omq	bcomg	*
	Nairn	1022·8	46	WNW	2	c	1024·3	*	40	-2	WNW	2	-	cg	2	0·4	52	38	c bc b	bc cp	c bc c	2·0
	Aberdeen ...	1021·7	48	Calm	0	op	1023·0	+1	40	-2	NW	4	-	bc	2	0·4	55	39	bc	bc c vo	o pbc	3·3
	Leith	1020·4	51	W	2	b	1023·8	0	40	+3	W	1	W	b	1	-	57	36	bmbg	bgb	bcocb	*
	Tynemouth ...	1021·2	49	N	2	m	1023·1	0	40	+1	N	3	N	bcm	3	-	61	38	bm	bm	bcmbm	*
	Spurn Head ...	1021·1	52	WNW	3	bm	1021·1	0	42	0	N	4	-	bcq	3	-	60	42	bcm	bm	c	10·2
	Yarmouth (Gorleston)	1020·9	47	SW	2	b	1019·0	+1	41	+2	N	4	-	b	3	-	61	39	bm	bm	bm o b	10·5
	Clacton-on-Sea	1021·8	51	SSW	1	bg	1019·9	+2	48	+7	NNE	3	E	bcm	2	-	58	41	bm	bmg	b bcom	10·5
	Nottingham ...	1022·2	60	NW	2	bg	1021·2	*	44	+10	NNE	2	N	c	*	-	67	34	b	bm	b	8·6
	Benson (Oxon.) ...	1021·6	63	W	1	b	1020·7	+3	42	+8	NNW	2	-	o	*	-	68	29	b	b	bo	*
	Sth Farnborough	1022·1	62	NW	1	bgy	1020·8	0	42	+12	NNE	3	-	om	*	-	71	30	bmbgy	bgy	bxom	11·1
	Salisbury Plain	1022·8	60	WNW	1	b	1021·5	0	40	-2	N	5	-	c	*	-	67	37	b	b	b bcm	*
	London (Kew Obsy.)	1021·7	65	NW	1	bg	1020·4	+1	44	+9	NNE	2	-	om	*	-	66	35	bmxbmg	bg	bg bmo	9·6
NORTHERN EUROPE.	Spitsbergen ...	1021·5	-24	SSE	1	bc	1016·4	-2	-9	-1	Calm	0	*	bc	*	*	-9	-29				
	Vardö	1011·2	19	N	6	s	1012·4	+1	18	0	N	5	-	s	4	*	19	12				
	Bodö	1012·7	18	E	2	b	1019·9	0	14	-20	N	4	-	b	2	-	34	12				
	Christiansund ...	1009·6	36	NW	4	c	1016·2	+3	27	-12	NNE	3	-	c	5	2	39	27				
	Skudesnaes ..	1013·2	41	NW	4	o	1012·0	0	36	-5	NNW	4	-	c	2	1	45	36				
	Færder (X'iania Fjord)	1005·4	43	NW	4	b	1007·9	+5	34	-5	NNE	6	-	c	2	-	48	32				
	The Scaw (Skagen)	1007·2	39	W	5	bc	1005·0	+3	36	-3	NNE	5	-	o	5	-	45	34				
	Blaavands Huk	1017·0	41	NW	3	c	1009·6	-1	37	-2	NNW	6	-	c	*	1	41	36				
	Copenhagen ...	1011·8	43	WNW	6	bc	1001·5	-3	39	-2	NW	3	-	b	*	-	46	39				
	Bornholm ...	1007·6	41	NW	7	c	1000·3	-3	36	0	WNW	3	-	m	1	-	41	34				
FRANCE, &c.	The Helder ...	1020·6	43	W	1	b	1016·0	+1	41	-2	NNW	4	-	b	3	trace	54	41				
	C. Gris Nez ...	1021·5	34	Calm	0	b	1019·1	-1	43	-3	NNE	3	*	b	2	-	63	43				
	La Hève							*					*									
	Brest (St. Mathieu)	1021·1	61	NE	3	b	1018·6	-2	48	-3	ENE	3	*	b	3	-	68	46				
	Rochefort (Ile d'Aix)												*		*							
	Biarritz												*									
	Paris	1020·6	59	NE	2	b	1017·2	-1	39	-2	NE	1	-	b	*	-	70	37				
	Belfort	1019·8	60	E	2	m	1016·3	*	45	+2	W	2	*	m	*	-	66	40				
	Lyons	1018·7	60	Calm	0	b	1016·6	*	46	+3	Calm	0	*	o	*	-	67	42				
	Nice												*									
	Perpignan ..	1025·2	54	Calm	0	o	1013·2	-3	41	-7	Calm	0	-	b	*	-	?	?				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna	1019·1	57	WNW	1	bc	1016·4	0	50	-7	Calm	0	-	o	1	-	73	46				
	Madrid														*							
	Lisbon	1016·8	61	WSW	4	b	1015·4	0	50	-2	Calm	0	-	b	6	-	64	50				
	Azores (Horta) ...	1013·8	*	WSW	5	o	1019·1	+1	57	+3	WSW	5	*	o	2	-	59	54				
	Madeira	1017·6	61	NE	2	c	1018·8	0	55	-2	NW	3	-	bc	3	-	63	54				
	Gibraltar	1017·9	56	Calm	0	o	1015·6	*	56		E	4	*	o	3	-	59	55				
	Malta	*	*	*	*	*	1018·8	-1	54	-1	WNW	3	-	b	1	-	63	52				
	Limassol	*	*	*	*	*	1005·9	0	54	-3	Calm	0	-	b	6	1	64	46				
	Alexandria ...	1013·5	59	NW	5	o	1012·3	0	59	-2	NW	4	NW	c	3	-	66	54				
	Cairo (Helwan) ...	1013·9	61	NW	3	c	1013·9	+1	54	-5	S	2	-	c	*	-	72	50				

LONDON, 25th March, 0h. G.M.T.	Humidity. 15 h. 24th %	Humidity. 9 h. 25th %	Sunshine for 24th Hours.	24 Hours ended 9 h. 25th: Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
GREENWICH (Royal Observatory)	52	80	5·2	65	38	26	0·0	bg	bg	o
CITY (Bunhill Row)	*	*	1·6	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	73	68		59	*	33	0·0	mbfm	m	m
CAMDEN SQ. (British Rainfall) ..	*	77	2·4	59	42	33	0·0	*	*	*
S. KENSINGTON (Museum Grounds)	*	76	4·7	66	43	*	0·0	bm	b	bo

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during ... 24th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
760	17·1	33

The thermometers at Greenwich and Camden Square are in Glaisher screens.

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging.
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,578 ..TUESDAY, 26TH MARCH...1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature remained below 50° over a large portion of the United Kingdom, and fell below 32° at most inland stations during the night. At Eskdalemuir the minimum was 19°, and at Benson 24°. Bright sunshine was very abundant in the west and south-west of these Islands, and fairly prevalent in the other districts.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 25TH MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 25TH 7h-17h.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	2	0·3	43	39	r bc	rh.rc.	2·0
	Montrose	-	1	52	39	o	bc	5·3
	St. Andrews	1	-	47	34	b	c	5·3
Eng. N.E.	Harrogate	-	-	47	37	o.c.bc	bc c.	4·9
	Skegness	-	-	47	39	bc	c.o.r.bc	5·3
England, E.	Felixstowe	-	-	50	40	bcv	bcv	6·6
	Southend-on-Sea	-	-	50	41	bc.c.	bc.cv.	4·5
England, S.E.	Margate	-	-	46	42	b.bc.	c	3·0
	Hastings	-	-	56	43	c.bc.b.	bc	5·5
	Eastbourne	-	-	52	42	bc.b	b.bc.	7·4
	Seaford	*	*	54	40	c.	c	8·1
	Worthing	-	-	52	40	bc.b.	b	8·8
	Littlehampton							
	Bournemouth	-	-	56	41	b	b	10·8

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 25TH 7h-17h.
		Mm.	Mm.	°F.	°F.			Hr.
Sc'tld W.	Oban	-	-	52	36	b	b	7·4
Eng. N.W.	Morecambe	-	-	51	41	*	*	9·5
	Southport	-	-	50	42	c.bc.b.	b	8·5
Midlands.	Malvern	-	-	52	42	c	c	1·0
	Ross-on-Wye	-	-	54	37	mc	mbc.c.	4·8
Wales.	Rhyl	-	-	50	43	bc c.	c bc.	8·5
	Colwyn Bay	-	-	49	43	bc	b	7·4
	Llandudno	*	*	51	43	c.	b	7·5
	Aberystwyth	*	*	51	34	cb.b.	bc.o	9·5
England, S.W.	Weymouth	*	*	57	43	b	bcy.	8·2
	Torquay	-	-	55	41	b	b.o.b.	9·3
	Paignton	*	*	53	37	b	b.c.	8·7
	Penzance	-	-	58	45	b	b	10·2
	Newquay	-	-	54	45	b	b	9·4
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 25TH MARCH

	STATIONS.	Evening of 24TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 25TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	995·8	0	-	0	c	995·3	0	-18	-3	NNW	2	b	-	*	-22
	Hangö														*	
	Yuriev															
	Petrograd	999·8	2	ENE	3	c	1001·7	+1	1	-24	NW	1	o	20	37	0
	Vijni Volotchok	993·5	19	NE	2	o	998·4	+2	-6	-38	N	2	b	-	*	-6
	Gorki							*							*	
	Moscow	990·7	21	NW	3	b	993·5	+2	5	-29	NNE	2	bc	-	*	6
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1016·7	59	SW	1	b	1010·7	*	50	-4	W	1	m	-	66	41
	Turin	1017·1	52	-	0	b	1013·0	*	48	-2	-	0	b	-	68	43
	Pesaro	1018·7	48	-	0	b	1013·1	*	?		SW	3	b	-	59	46
	Leghorn	1022·6	54	-	0	b	1016·9	*	55	0	W	1	bc	-	61	52
	Rome	1021·5	52	-	0	bc	1019·8	*	48	+2	NW	1	o	-	63	39
	Viesti	1018·5	54	NW	3	b	1013·9	*	57	+5	NW	1	b	-	61	52
	Brindisi	1018·9	55	SW	2	b	1014·1	*	48	-2	NW	1	b	-	65	48
	Cagliari	1019·1	64	SE	2	b	1017·9	*	55	+3	NW	3	b	-	70	47
	Palermo	1022·5	54	NW	1	b	1019·7	*	48	-2	-	0	b	-	63	39
	Tripoli	1025·5	52	SE	1	b	1023·6	*	52	0	-	0	b	-	61	45
	Algiers	1014·3	55	-	0	r										
SWEDEN.	Hernösand						1017·8	*	12	-27	NW	6	b	*	*	*
	Stockholm						1010·6	*	18	-18	NE	8	o	*	*	*
	Wisby						1003·4	*	27	-10	E	4	s	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1024·2	36	+8	W	4	o
Reykjavik	1028·0	34	+2	S	2	o
Vestmanna	1029·4	32	-2	-	o	s
Seydisfjord	1025·6	28	+4	-	o	b
Thorshavn	1025·0	35	-6	NW	2	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

26TH AND 27TH MAR. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·45	11·59	6·13
	5·42	11·59	6·15
Greenwich	5·52	12·6	6·20
	5·50	12·6	6·22
Wick	6·1	12·18	6·36
	5·58	12·18	6·38
Valencia	6·33	12·47	7·1
	6·31	12·47	7·3

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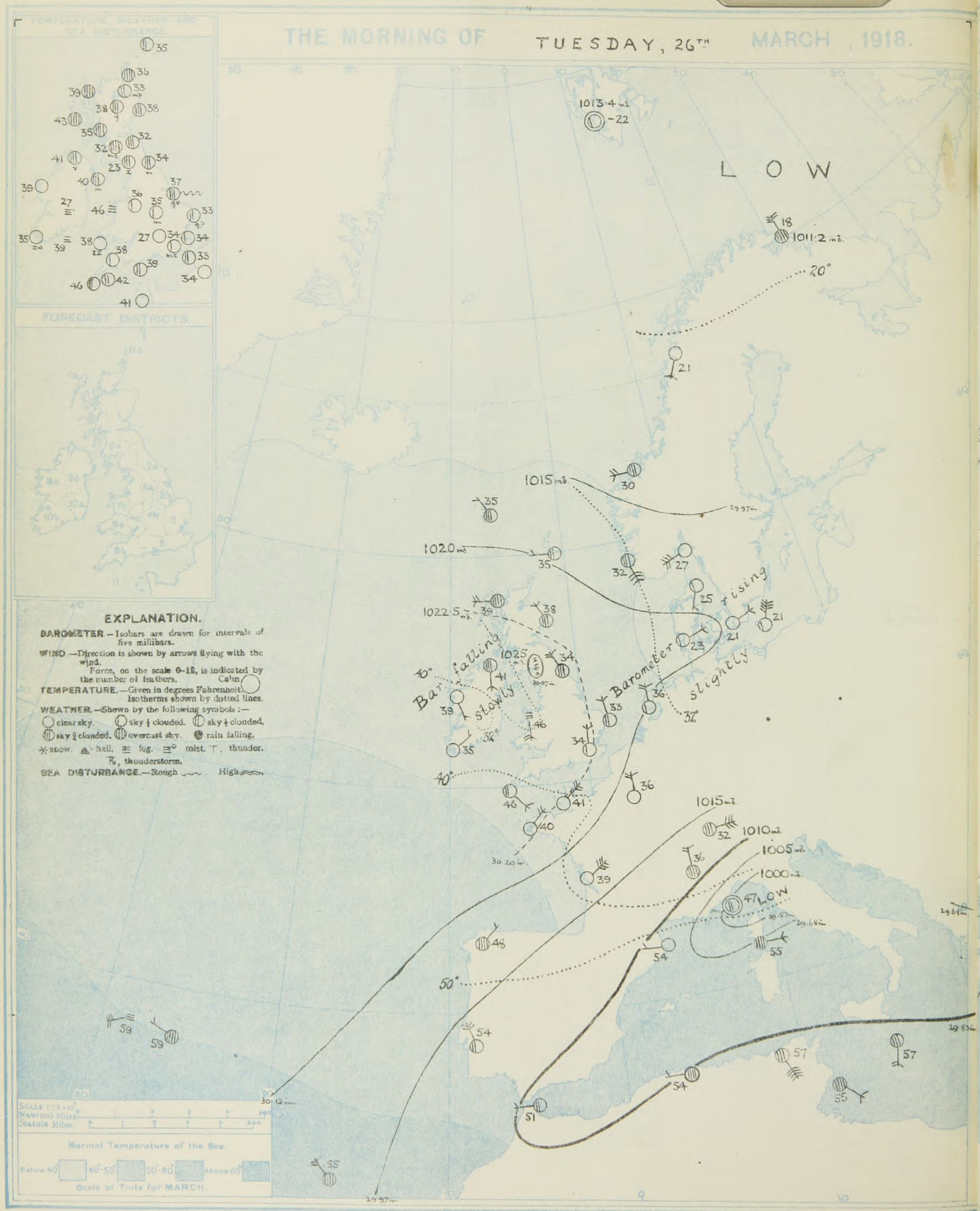
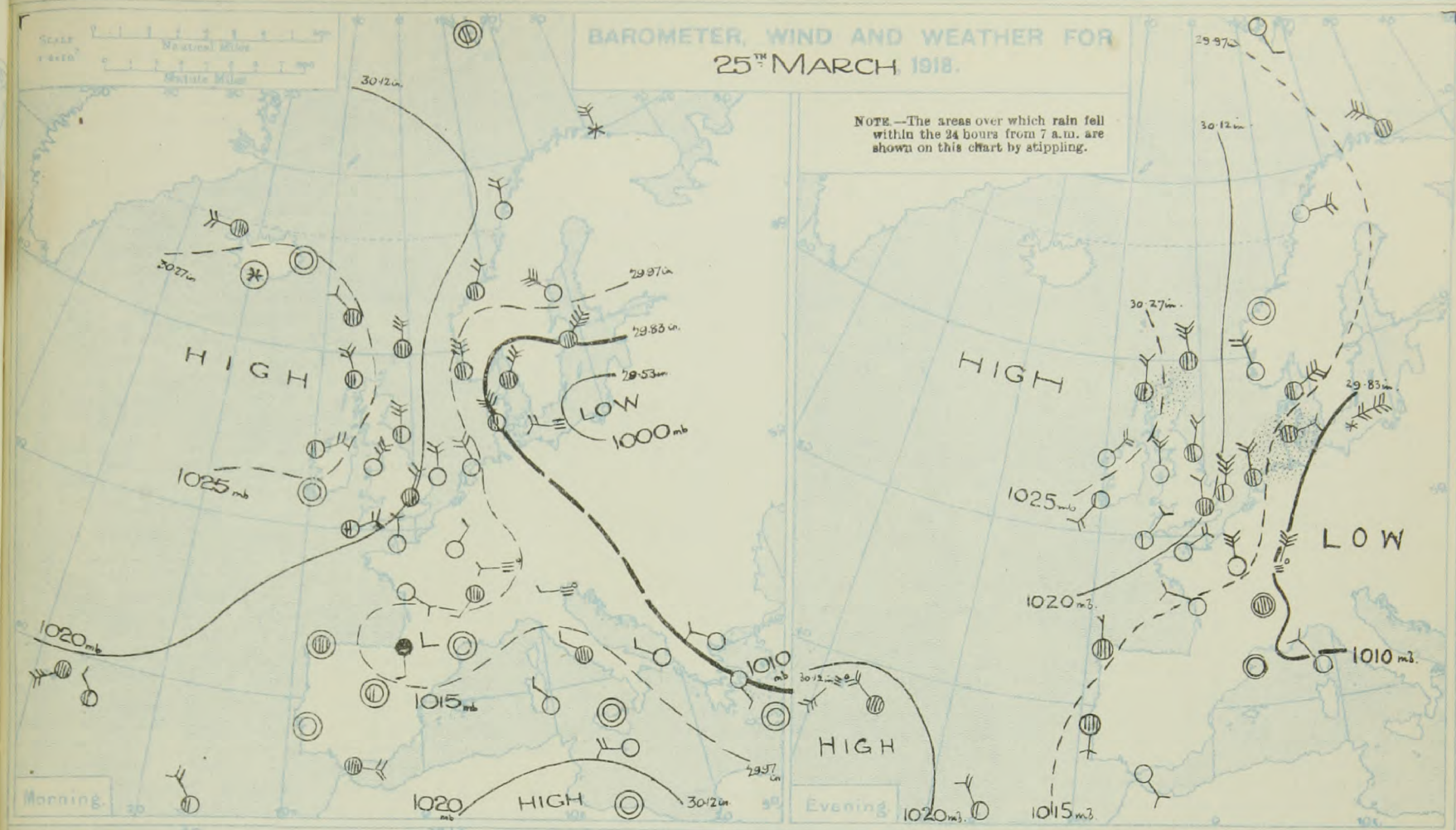
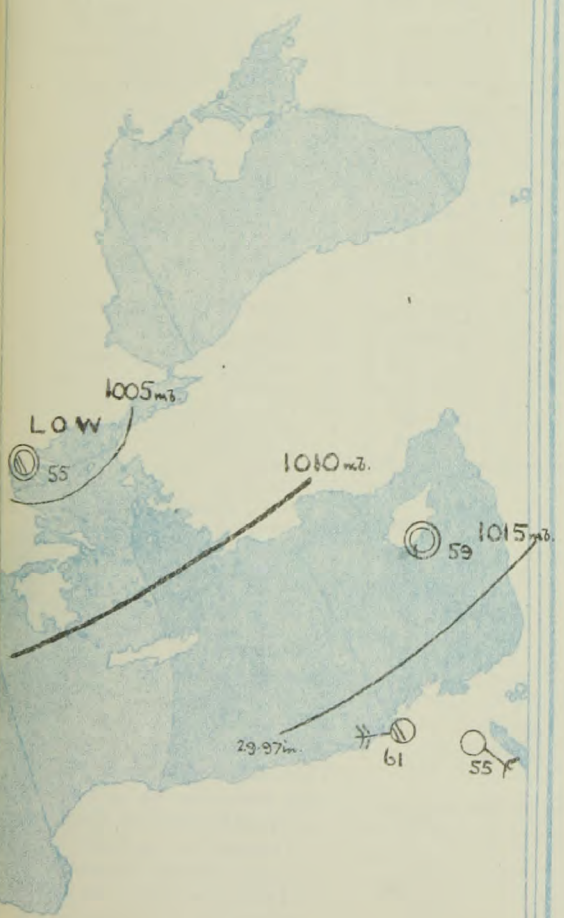
‡ The barometric change is expressed in half-millibars.


THE MORNING OF TUESDAY, 26TH MARCH, 1918.
TEMPERATURE, WEATHER AND SEA DISTURBANCE.
FORECAST DISTRICTS.
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
WEATHER.—Shown by the following symbols :—
clear sky. sky ¼ clouded. sky ½ clouded.
sky ¾ clouded. overcast sky. rain falling.
snow. hail. fog. mist. thunder.
thunderstorm.
SEA DISTURBANCE.—Rough High.
Normal Temperature of the Sea.
Below 40° 40°-50° 50°-60° Above 60°
Scale of Tints for MARCH.
LOW
1013·4 mb.
1011·2 mb.
1015 mb.
1020 mb.
1022·5 mb.
1025 mb.
1010 mb.
1005 mb.
1000 mb.
Barometer falling slowly
Barometer rising slightly
20°
40°
50°
32°





The Present Situation

An anticyclone, having its maximum over the south of Scotland, covers the British Isles and extends across the North Sea and Denmark. A depression has appeared over the Gulf of Genoa. The barometrical changes in progress are slight, but a rise is reported in the SE. of England, over Holland and the Southern part of the Baltic, and a fall in the NW. of Ireland. The wind is mainly from N. or NE. over England and the nearer regions of the Continent, and light in force. In the western districts the wind direction is more variable. The weather is fair generally, but fog prevails at Holyhead and Roche's Point, and showers are reported at Wick and Yarmouth.

The General Outlook

It appears probable that the anticyclone will extend or move in a south-easterly direction and that the general character of the weather will still continue fair.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

STATIONS.	Evening of 25th: Barom. Millibars at M.S.L.	Evening: Temp. °F.	Evening: Wind Direc.	Evening: Wind Force 0–12.	Evening: Weather.	Morning of 26th: Barometer Millibars at M.S.L.	Morning: Barometer Change in 3 hours. ‡	Morning: Temp. Dry Bulb. °F.	Morning: Temp. Change in 24 hours. °F.	Morning: Wind Direc.	Morning: Wind Force 0–12.	Direc. of Upper Cloud.	Morning: Weather.	Sea 0–9.	24 hours ended 7 a.m. 26th: Rainfall Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 25th Hours.
BRITISH ISLANDS.																					
Lerwick	1022.1	37	N	5	o	1019.6	o	35	+1	W	1	-	bc	1	1	39	32	osp.	o	o.bc	*
Deerness (Orkney)	1024.0	38	NW	4	cy	1021.0	*	36	-2	W	2	NW	o	2	1	41	35	cp	cp cy	c.o.	2.5
Stornoway	1026.1	44	N	3	cp	1022.0	+2	39	-2	W	3	-	o	2	0.1	47	36	bcp	cp	bc.o	5.1
Castlebay (Barra Isd.)	1026.6	46	N	2	b	1023.4	-1	43	o	WNW	2	-	o	2	-	48	42	o.bc.	bc.b.	b.o.	9.3
Glasgow	1024.1	47	NE	3	bc	1024.2	-1	32	-5	S	1	W	omx	*	Trace	52	30	b.bcv	b.bc.c.	bc.bmx	7.4
Eskdalemuir	1023.8	42	N	2	cy	1025.1	o	23	-12	-	0	-	bx	*	-	49	19	bv.bcy	bcy.cy.	cy.b.bx	8.1
Malin Head	1027.1	44	NNE	3	bc	1023.0	-2	41	-2	S	2	SE	cv	2	-	48	40	bc	bc	cv	9.0
Blacksod Point	1026.1	45	NE	4	bv	1022.0	-3	39	-5	SSE	1	-	bv	2	-	49	36	bc.	bv.	bv.bv	*
Valencia (Cahirciveen)	1023.9	52	SW	3	b	1024.0	o	35	-8	NE	1	SW	byw	2	-	60	35	by	by	byw	10.7
Roche's Point	1024.7	48	E	1	b	1024.8	*	39	-2	E	1	-	f	2	0.2	53	38	by.b.	by	bf	*
Birr Castle	1024.2	51	N	1	b	1024.4	*	27	-12	SSE	1	-	m	*	-	54	27	z	zb.	f	7.4
Donaghadee	1024.5	45	N	4	bcy	1023.3	-1	40	-2	SSW	2	SW	cm	1	-	48	39	bm.bco	bcqz	by.cm	*
Liverpool (Bidston)	1023.2	43	NW	2	b	1024.5	o	36	-8	E	1	E	b	1	-	50	36	bc	b	bmx.	7.6
Holyhead	1023.8	45	N	4	by	1023.5	o	46	-2	S	3	-	f	1	Trace	51	34	b.bc.bm	bm.by.	bxf.	7.3
Pembroke (St. Ann's)	1022.9	45	N	4	b	1024.4	+1	38	-5	ENE	2	-	byx	1	-	55	38	b	b	b.byx	10.1
Hartland Quay	1021.7	49	NE	3	bm	1024.3	+2	38	-7	E	3	-	b	2	-	55	38	b.bm	bm	bm.b	*
Scilly (St. Mary's)	1021.7	50	NE	2	bm	1023.5	o	46	-1	SE	2	-	bc	3	-	54	45	b.bc.bm	bm	b.bc.	10.2
Falmouth	1021.0	50	SSE	1	bcy	1023.8	+2	42	-2	ESE	2	-	bcy	*	-	55	41	by.b.	by.bcy.	by.bv	9.6
Jersey (St. Aubin)	1019.2	50	ENE	3	b	1022.1	*	41	-3	NE	4	-	b	3	-	57	39	bm.b.	b	b	10.5
Portland Bill	1020.1	50	NE	3	b	1023.0	+2	39	-7	NE	3	NE	bc	3	-	55	39	b	b	bc	*
Dungeness	1019.2	46	NNE	4	c	1020.8	+1	33	-9	N	3	-	b	3	-	52	31	b.bc.c	c	c.b.bc	*
Dover	*	*	*	*	*													*	*		
Wick	1024.8	39	NNW	4	o	1021.5	-2	33	-6	WNW	2	-	bcmp	2	0.4	43	32	og	oq	o.bcmp.	*
Nairn	1025.6	41	NW	2	u	1021.7	*	38	-2	-	0	-	cg	1	0.3	47	35	c.bc	bc.cg	cpg	3.7
Aberdeen	1024.3	40	NNW	3	c	1022.2	-1	38	-2	NW	2	-	c	2	0.2	44	36	bc.c.op.	op.c	cp.bc	2.8
Leith	1024.3	42	E	1	c	1023.5	o	32	-8	W	1	NW	cm	1	-	50	31	b	b.bc.c	c.bcyx.	*
Tynemouth	1023.5	42	NNE	3	cm	1023.1	o	34	-6	NW	3	NW	cm	4	Trace	45	33	bcm	cm	cmp	*
Spurn Head	1022.0	42	N	6	bcqp	1022.1	o	37	-5	NNW	5	-	cqv	5	Trace	45	35	bcqv	bcqp	bcp cq	5.6
Yarmouth (Gorleston)	1019.1	42	NNE	6	bc	1020.3	+1	33	-8	NNW	2	-	bcqp	2	1	48	32	bcq	bcqp	bcqp	6.1
Clacton-on-Sea	1020.3	45	NNW	4	bc	1021.8	+2	34	-4	NW	3	N	b	2	-	49	32	cm.c	c.bc	bc.bx	5.4
Nottingham	1022.6	44	NE	3	b	1023.4	*	35	-9	NNW	2	NE	bm	*	-	49	34	c.o.	c	b	4.1
Benson (Oxon.)	1021.3	45	NNE	3	bc	1023.0	+2	27	-15	-	0	-	b	*	-	51	24	bc	bc	bmx	*
Sth Farnborough	1021.1	46	NNE	4	c	1023.2	+1	32	-10	NNW	3	-	b	*	-	53	28	om.cy.	y.c.bc.c	c.bxm	5.7
Salisbury Plain	1021.6	44	NE	4	c	1024.4	0	32	-8	NNW	3	-	c	*	-	51	28	bc.	o.c.	b.bcx	*
London (Kew Obsy.)	1020.9	47	N	2	o	1023.0	+3	34	-10	N	2	NE	bmx	*	-	50	32	omocox	c.bc.c.o	o.bc.b.bmx.	4.5
NORTHERN EUROPE.																					
Spitsbergen	1013.8	-17	SSE	1	b	1013.4	+1	-22	-13	-	0	*	b	*	*	-6	-26				
Vardö	1011.6	19	NW	6	o	1011.2	o	18	0	N	5	-	o	3	*	45	14				
Bodö	1019.1	19	E	4	b	1014.2	-1	21	+7	E	2	-	b	2	-	21	12				
Christiansund	1019.2	27	-	0	b	1014.2	-4	30	+3	W	3	-	c	4	-	30	25				
Skudesnaes	1016.3	32	NNW	4	b	1017.8	o	32	-4	SSE	6	-	c	3	-	37	28				
Færder (X'iania Fjord)	1018.4	25	ENE	5	b	1017.6	-2	27	-7	WSW	5	-	b	2	-	34	21				
The Scaw (Skagen)	1015.2	25	NE	6	c	1018.8	0	25	-11	SSW	1	-	b	1	-	37	19				
Blaavands Huk	1014.4	34	ENE	2	o	1021.9	+3	23	-14	ENE	2	-	b	*	Trace	41	16				
Copenhagen	1012.0	28	ENE	6	s	1019.9	+3	21	-18	ENE	2	-	b	*	Trace	41	19				
Bornholm	1007.2	25	ENE	10	s	1016.6	+3	21	-15	NNE	7	-	b	1	1	36	19				
FRANCE, &c.																					
The Helder	1016.2	39	N	4	c	1020.0	+3	36	-5	N	3	-	b	2	1	43	34				
C. Gris Nez	1019.2	42	NNE	4	c	1019.9	+1	39	-4	NNE	4	*	bc	3	Trace	48	36				
La Hève	1019.9	43	NE	4	b	1021.4	*	37	-8	NNE	4	*	c	2	-	54	37				
Brest (St. Mathieu)	1018.8	51	NE	5	b	1023.2	+2	40	-8	NE	3	*	b	2	-	66	37				
Rochefort (Ile d'Aix)	1012.4	54	WNW	2	b	1017.0	+3	39	-9	NE	6	*	b	*	-	66	37				
Biarritz												*									
Paris	1016.4	46	NNE	5	b	1019.0	+2	36	-3	N	3	-	b	*	-	63	34				
Belfort	1009.2	55	W	6	m	1014.0	*	32	-13	E	6	*	c	*	-	64	?32				
Lyons	1012.7	57	-	0	o	1012.6	*	36	-10	N	3	*	o	*	-	66	36				
Nice	1007.4	50	E	3	b	999.6	+4	47		-	0	*	bc	2	-	61	39				
Perpignan	1011.1	64	-	0	b	1007.6	-1	54	+13	W	1	-	b	*	-	63	41				
Sanguinaire	1012.4	56	NW	2	b	1006.4	*	55	0	E	2	*	o	3	-	66	47				
SOUTHERN STATIONS.																					
Corunna	1015.1	55	N	1	o	1018.3	+3	48	-2	NE	1	-	o	1	-	55	46				
Madrid														*							
Lisbon	1013.5	57	S	2	o	1012.2	+1	54	+4	NNW	4	-	bc	5	2	63	50				
Azores (Horta)	1020.7	*	SW	5	m	1022.6	+1	59	+2	WSW	5	*	f	2	-	64	?57				
Madeira	1018.3	64	NW	3	bc	1018.0	o	65	0	NW	3	N	o	3	?	66	55				
Gibraltar	1013.9	53	SE	2	b	1009.8	*	51	-5	W	2	*	bc	2	6	61	48				
Malta	*	*	*	*	*	1011.4	-1	57	+3	SSW	3	-	c	1	-	63	54				
Limassol	*	*	*	*	*	1011.1	+3	59	+5	-	0	-	b	0	-	68	43				
Alexandria	1013.5	59	WNW	4	e	1016.6	+2	61	+2	WNW	4	NW	bc	3	2	68	57				
Cairo (Helwan)	1013.6	59	N	1	b	1017.5	+4	55	+1	SSE	2	-	b	*	3	66	48				

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

LONDON 26TH MARCH 9h. G.M.T.	Humidity 15 h. 25th	Humidity 9 h. 26th	Sunshine for 25th	24 Hours ended 9 h. 26th: Temperature Max.	Temperature Min.	Temperature Min. on Grass.	Rainfall.	Weather Morning.	Weather Afternoon.	Weather Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	59	81	30	53	33	26	-	c	c bc	c.bc
CITY (Bunhill Row)	*	*	4.3	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	58	75	2.7	51	-X-	31	-	bc o.	o.	bmx
CAMDEN SQ. (British Rainfall)	58	75	4.1	54	33	27	-	bc	o	*
S. KENSINGTON (Museum Grounds)	*	85	3.5	53	34	-X-	-	bc	bc cq	c.bc.

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 25th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
750	16.7	58.5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,579 WEDNESDAY, 27TH MARCH. 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature remained below 50° in nearly all districts, but softer conditions spread in during the night. Slight showers fell in the north and east. Bright sunshine varied considerably, none in places, ten hours at Bournemouth.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 26TH MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 26TH to 17h.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	-	-	45	37	bc.b.	bc.c.	5.7
	Montrose	-	-	45	35	o	o	0.6
	St. Andrews							
Eng. N.E.	Harrogate	-	-	46	29	c.bc	bc.c.	8.1
	Skegness	2	0.3	43	33	bc	bc	3.2
England, E.	Felixstowe	-	-	43	29	bcw	bcw.c.	3.8
	Southend-on-Sea	-	-	47	31	bc.c.	c.o.	3.4
England, S.E.	Margate	-	-	43	37	b	bc.c.	6.5
	Hastings	-	-	45	33	o.bc.b.	bc.o.	4.7
	Eastbourne	-	-	46	32	bc.b.	b.bc.	4.0
	Seaford	*	*	48	32	bc	c	5.2
	Worthing	-	-	46	32	b.bc.	bc	5.4
	Littlehampton							
	Bournemouth	-	-	51	30	b	b	10.1
Sc'tld W.	Oban	-	-	45	30	o	o	0.0
Eng. N.W.	Morecambe	-	-	50	30	*	*	6.6
	Southport	-	-	48	30	o.c bc b	bc.cy.	7.3
Midlands	Malvern	-	-	49	36	b.bc.	bc	7.0
	Ross-on-Wye	-	-	52	31	mc	bc b.	8.0
Wales.	Rhyl	-	-	50	31	bc	bc.c.	8.0
	Colwyn Bay	-	-	46	35	bc	bc	8.0
	Llandudno	*	*	50	33	b.	b.	8.0
	Aberystwyth	*	*	45	32	h.c.b.	bc.c.	9.0
England, S.W.	Weymouth	*	*	53	34	y.bc.b.	b.bcy.	9.0
	Torquay	-	-	49	36	b	b	9.5
	Paignton	*	*	50	36	b	b	8.7
	Penzance	-	-	51	43	bc.b.	b	9.0
	Newquay	-	-	51	37	b	b	8.4
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 26TH MARCH

	STATIONS.	Evening of 25TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 26TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	993.0	0	N	3	o	?998.6	+2	-6		E	2	o	-	*	-9
	Hangö	1009.9	19	NNW	5	bc	1009.9	0	14		NNW	3	o	-	*	3
	Yuriev															
	Petrograd	1000.8	14	N	4	s	1000.0	+1	7		NW	3	b	-	18	1
	Vijni Volotchok	997.5	5	-	o	c	998.1	+1	0		W	2	o	1	*	-2
	Gorki							*							*	
	Moscow	994.7	5	NW	2	b	997.5	+1	1		W	3	b	-	*	0
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1001.5	57	SW	2	b	999.3	*	50	0	NE	1	o	-	68	50
	Turin	1003.1	52	SW	5	b	999.5	*	45	+3	-	0	bc	-	70	43
	Pesaro	1004.5	54	SW	4	b	999.8	*	?		SSW	3	c	-	64	50
	Leghorn							*								
	Rome	1012.2	52	SW	1	b	1005.0	*	52	-3	SE	1	T	Trace	61	46
	Viesti	1006.5	55	SSE	1	b	1003.5	*	55	+7	S	1	c	-	61	48
	Brindisi	1011.1	54	SW	2	b	1006.1	*	50	+2	SW	3	b	-	57	48
	Cagliari	1012.3	61	SW	2	b	?1015.1	*	55	0	NW	4	c	-	69	?
	Palermo	1015.7	?	-	0	T	1008.2	*	57	+9	ESE	3	o	-	63	41
	Tripoli	?	55	-	0	b	1013.4	*	59	+7	S	1	b	5	?	50
	Algiers	1012.3	54	W	2	c	1010.4	o	54		W	1	o	2	63	50
SWEDEN.	Hernösand						1040	*	14	+2	-	0	b	*	*	*
	Stockholm						1015.1	*	14	-4	NNW	2	o	*	*	*
	Wisby						1020.8	*	23	-4	NNW	6	o	*	*	*

Morning of 26TH:

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1019.6	39	+3	SW	8	T
Reykjavik	1012.7	36	+2	-	0	bc
Vestmanna	1013.0	37	+5	-	0	o
Seydisfjord	1013.8	25	-3	-	0	f
Thorshavn	1016.8	35	0	NW	1	c

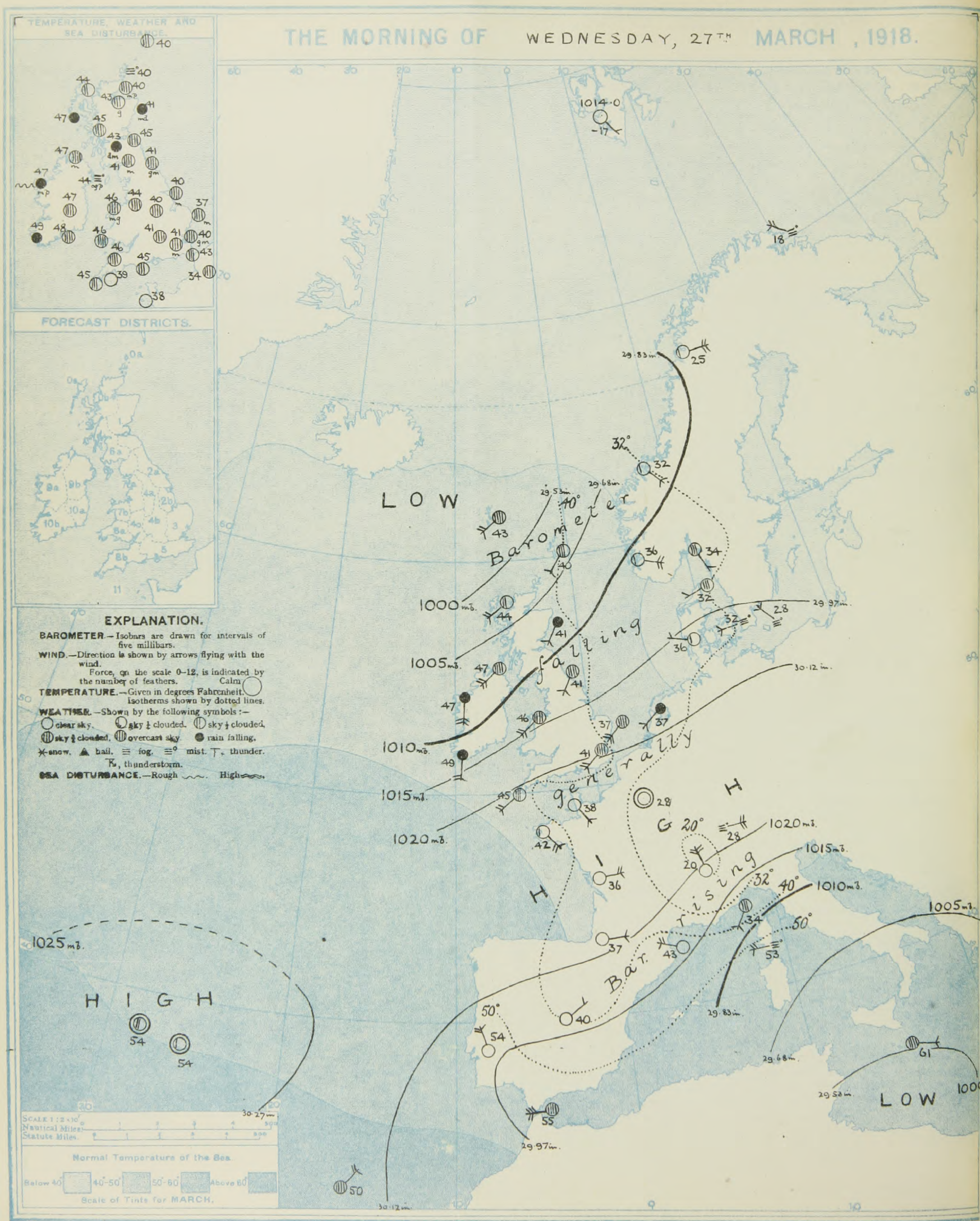
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

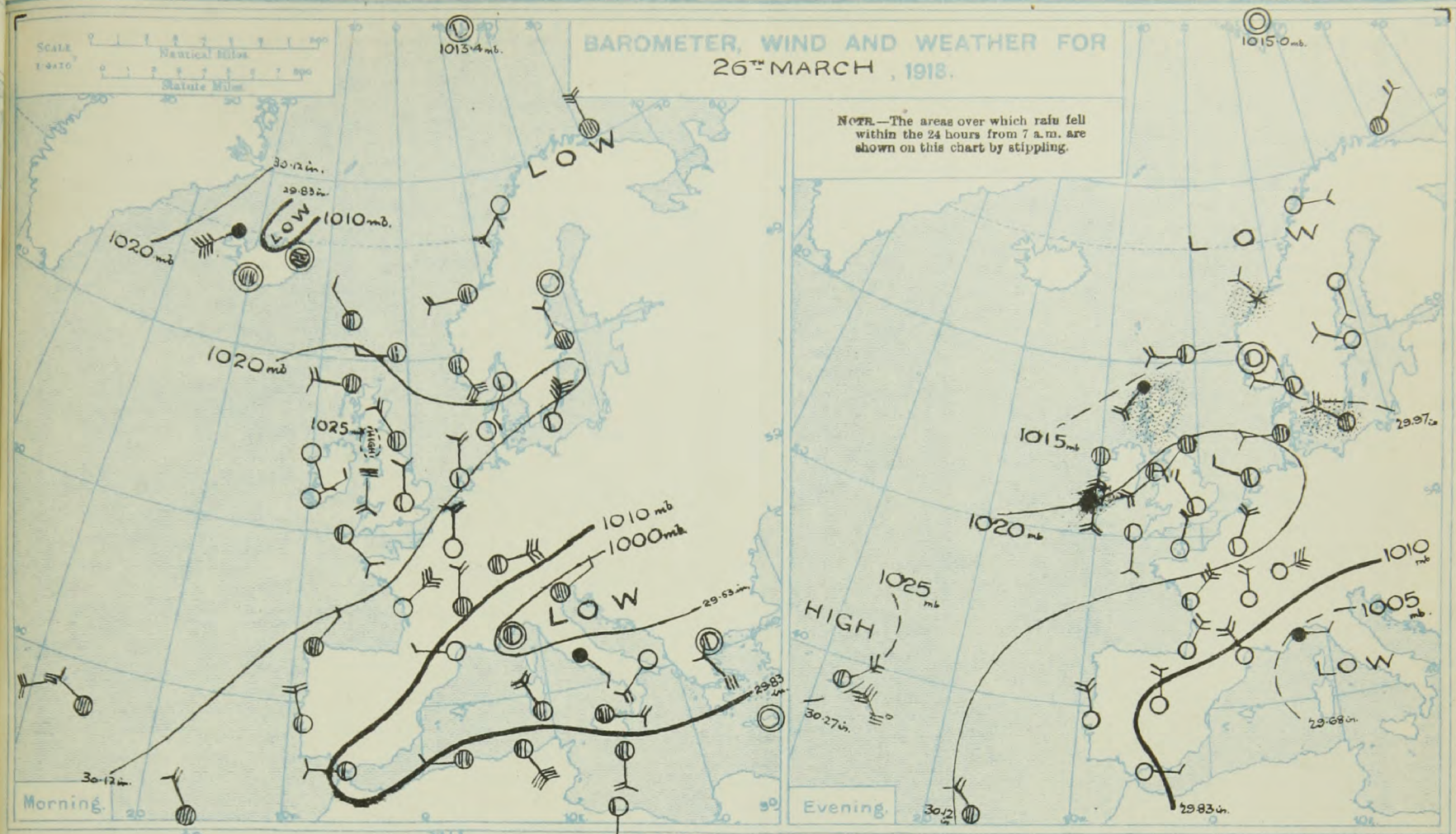
27TH AND 28TH MAR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.42 / 5.39	11.59 / 11.58	6.15 / 6.17
Greenwich	5.50 / 5.47	12.6 / 12.5	6.22 / 6.23
Wick	5.58 / 5.55	12.18 / 12.17	6.38 / 6.40
Valencia	6.31 / 6.28	12.47 / 12.46	7.3 / 7.4

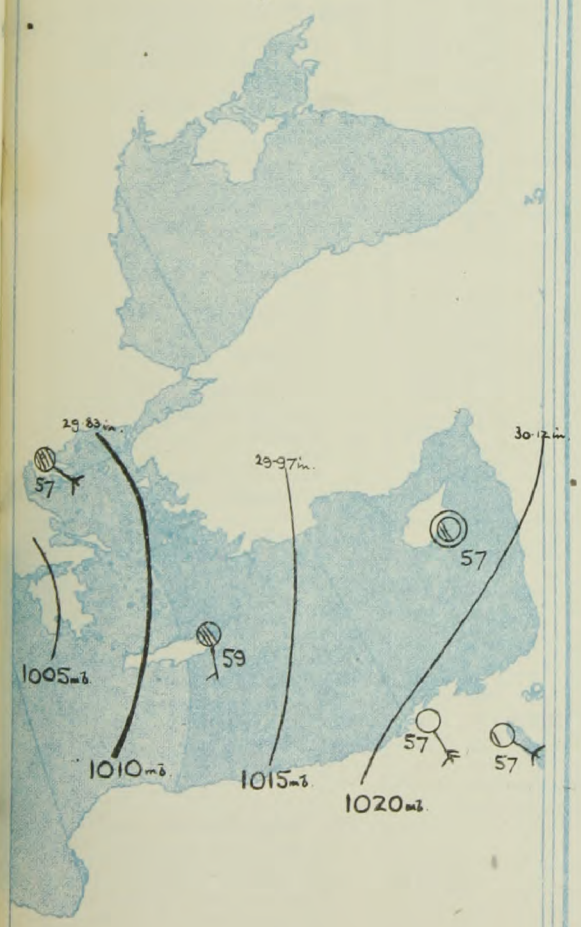
Printed at the Meteorological Office, South Kensington, London, S.W. 7.

* The barometric change is [illegible]

THE MORNING OF WEDNESDAY, 27TH MARCH, 1918.







The Present Situation

Pressure is now highest, about 1028 mb., in an anticyclone over the Azores region, a belt of relatively high readings extending thence across the Bay of Biscay to Central Europe. A depression is indicated between the Faröe and Iceland, and another over the middle part of the Mediteranean. A light to moderate S.-SW. breeze prevails over the British Isles, calms and light variable breezes in other regions. The weather is overcast at the home stations, with mist in many places, and local showers in the west and north. Rain is also reported at the Helder, but fine weather is in the ascendant in most foreign countries.

The General Outlook

The northern depression is following a north-easterly course, and does not seem likely to occasion any marked increase of wind over this country, but the South-Westerly breeze will bring some increase of temperature and passing showers. The type will probably hold for a time.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 88... WEDNESDAY, 27TH MARCH.

	STATIONS.	Evening of 26TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 27TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0-12	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 a.m. 27TH: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 26TH Hours.
BRITISH ISLANDS.	Lerwick ...	1015·0	41	W	3	bc	1004·5	-3	40	+5	SSW	2	-	c	2	1	46	33	bc	c.bc	bc.op.	*
	Deerness (Orkney)	1015·9	42	W	3	c	1004·4	*	40	+4	S	4	W	om	4	2	43	36	o.c.	cp c.	c.om	1·2
	Stornoway ...	1015·8	43	SW	4	odp	1002·8	-3	44	+5	SW	3	-	o	2	8	48	?39	o.cp.	c odp	or.o	1·5
	Castlebay (Barra Isd.)	1016·5	44	SW	4	o	1005·0	-3	47	+4	SW	4	-	T	4	1	47	43	o	o	odpT.	0·0
	Glasgow ...	1018·9	42	WSW	2	om	1009·5	-5	43	+11	SW	4	-	odm	*	0·2	44	31	m.om.	omg	om.odm	0·0
	Eskdalemuir ...	1020·1	38	SW	2	oy	1011·2	-4	41	+18	SW	3	-	om	*	Trace	43	22	coc.o.oy	oy.oy.	oy.om	1·4
	Malin Head ...	1018·0	45	E	2	c	1007·7	-6	47	+6	SW	4	-	om	3	-	50	40	bc	bc	om	5·3
	Blacksod Point	1018·9	48	S	4	cg	1007·1	-5	47	+8	S	4	-	omp	5	-	49	38	cg	cg	omom	*
	Valencia (Cahirciveen)	1020·0	49	S	4	c	1012·8	-3	49	+14	S	3	-	oT	3	1	52	35	b.bcy	bc.cy	o	9·6
	Roche's Point	1021·7	47	SW	2	b	1015·4	*	48	+9	SSW	4	-	o	4	-	50	38	f.b.	b.	b.o	*
	Birr Castle ...	1019·1	52	S	1	c	1012·2	*	47	+20	S	2	-	o	*	-	54	27	f.og.c.	c	o	8·7
	Donaghadee ...	1018·5	46	SSE	2	om	1011·3	-4	44	+4	SW	4	-	ogmp	3	Trace	50	39	om.of	of.om	omogm	*
	Liverpool (Bidston)	1020·7	45	-	0	m	1014·3	-3	44	+8	SW	2	W	o	1	-	48	36	bom	bom	c.o.	5·8
	Holyhead ...	1020·3	45	SW	4	bomg	1013·6	-3	46	0	SW	4	W	ogm	3	-	48	35	f.b.bco	c.bc.	c.bc.o.	3·0
	Pembroke (St. Ann's)	1022·5	45	S	3	c	1017·6	-3	46	+8	SW	4	-	o	4	-	47	?38	b	b.bc c.	c.o.	9·2
	Hartland Quay	1022·9	47	SSW	2	c	1019·4	-2	46	+8	SW	5	SW	o	4	-	50	38	b	b.bc	c o	*
	Scilly (St. Mary's)	1024·2	47	S	2	b	1020·7	-1	45	-1	SW	3	SW	c	4	-	52	43	bc	bc.b.	bc.c.	5·5
	Falmouth ...	1023·2	45	WSW	3	by	1020·8	-1	39	-3	SW	2	-	b	*	-	50	38	bcy.by	c.byb.	by.bc b.	9·4
	Jersey (St. Aubin)	1020·9	44	NNE	3	b	1022·5	*	38	-3	SE	2	-	b	1	-	49	31	b	b	bunc	9·7
	Portland Bill ...	1023·2	48	WSW	3	bc	1020·6	-1	45	+6	WSW	4	W	c	3	-	49	39	bc	bc	bc c.	*
	Dungeness ...	1022·0	41	ENE	2	bc	1019·8	-2	43	+10	WSW	3	W	c	3	-	44	33	bc	c	bc c.	*
	Dover	*	*	*	*	*													*	*		
	Wick	1017·2	41	S	1	o	1005·1	-5	40	+7	SSW	3	-	omp	2	3	44	32	bcmp.o	o	omrp	*
	Nairn	1016·4	42	-	0	cg	1005·2	*	43	+5	W	3	-	cg	2	2	48	37	c.bc.c.	cg	cgp	1·3
	Aberdeen ...	1017·9	42	S	2	o	1007·7	-5	41	+3	SSW	2	-	omd	2	3	46	37	o.bcuy	c.o.	orm	1·2
	Leith	1018·2	43	NW	1	o	1008·8	-3	45	+13	WSW	2	-	o	2	-	45	31	cm.c.bc	o	cm.og.o.	*
	Tynemouth ...	1020·4	41	SW	2	om	1012·3	-4	41	+7	SSW	2	-	ogm	4	-	43	34	cm	om	om	*
	Spurn Head ...	1022·5	41	-	0	or	1014·6	-2	40	+3	WSW	3	-	om	4	?	44	36	bc	or	om	1·5
	Yarmouth (Gorleston)	1021·6	39	SW	2	bc	1016·8	-5	37	+4	SW	4	-	om	3	1	44	33	bcps.	b.bc	bc.om	6·0
	Clacton-on-Sea	1022·3	40	SSE	1	or	1018·9	-3	40	+6	WSW	3	W	ogm	2	-	43	33	b.bcuc	or	bc ogm	3·2
	Nottingham ...	1021·5	39	SSE	1	b	1016·0	*	40	+5	SW	2	SW	o	*	-	45	35	bc.c.	c.bc	bc.c.o.	4·8
	Benson (Oxon.) ...	1022·3	42	E	1	b	1018·1	-1	41	+14	SW	3	-	o	*	-	46	26	c	bc	bc.o	*
	Sth Farnborough	1022·7	41	NE	2	om	1019·8	-1	41	+9	WSW	4	-	o	*	-	47	31	b.o.	oy.c.om	o.bma	6·0
	Salisbury Plain	1022·5	44	NW	2	c	1019·7	-2	40	+8	SW	4	-	m	*	-	47	32	bc	o.b	bc.o	*
	London (Kew Obsy.)	1022·4	44	NW	1	by	1019·2	-1	41	+7	SW	3	-	om	*	-	46	34	bmx bc.	oc.oc.by	by bmom	5·1
NORTHERN EUROPE.	Spitsbergen ...	1015·0	-13	-	0	b	1014·0	-1	-17	+5	SSE	1	*	b	*	*	-13	-24				
	Vardö	1012·4	18	NE	3	c	1013·8	0	18	0	NW	3	-	m.	3	*	18	10				
	Bodö	1013·1	23	E	2	b	1010·3	-3	25	+4	E	4	E	b	2	-	27	19				
	Christiansund ...	1013·2	32	NW	2	s	1008·4	-1	32	+2	SE	2	-	b	4	5	36	25				
	Skudesnaes ..	1015·6	36	-	0	b	1011·6	-2	36	+4	ESE	4	-	b	2	-	37	32				
	Færder (X'Iania Fjord)	1014·0	32	WSW	2	b	1012·6	-1	34	+7	NE	1	-	c	1	-	34	25				
	The Scaw (Skagen)	1014·6	32	WNW	2	bc	1012·8	0	32	+7	WSW	1	W	c	1	-	34	23				
	Blaavands Huk	1019·6	32	W	2	o	1016·7	+1	36	+13	WNW	1	N	b	*	-	36	19				
	Copenhagen ...	1018·7	27	W	1	b	1015·9	0	32	+11	W	2	N	m	*	Trace	32	21				
	Bornholm ...	1017·4	25	NW	4	c	1015·6	-2	28	+7	NW	2	-	m	1	1	?	21				
FRANCE, &c.	The Helder ...	1022·2	38	WNW	1	bc	1019·0	-1	37	+1	SW	2	-	T	1	1	39	34				
	C. Gris Nez ...	1022·6	37	ENE	3	bc	1020·3	-1	39	0	S	3	*	o	2	-	48	36				
	La Hêve							*					*									
	Brest (St. Mathieu)	1023·6	49	NE	3	b	1022·4	-2	42	+2	SE	3	*	b	2	-	66	38				
	Rochefort (Ile d'Aix)	1019·2	47	NE	5	b	1022·4	0	36	-3	E	3	*	b	*	-	55	36				
	Biarritz	1015·4	51	NNE	4	b	1021·0	+2	37		E	2	*	b	2	-	54	36				
	Paris	1020·7	41	NNE	3	b	1023·5	+2	28	-8	-	0	-	b	*	-	48	28				
	Belfort	1018·0	33	ENE	6	b	1023·5	*	28	-4	E	4	*	m	*	-	57	21				
	Lyons	1014·4	38	N	3	b	1019·5	*	20	-16	NNW	4	*	b	*	6	47	20				
	Nice	1000·8	49	E	1	T	1011·6	+5	34	-13	SW	2	*	c	5	3	59	34				
	Perpignan ..	1009·1	52	NW	4	b	1015·5	+3	43	-11	WNW	3	-	b	*	-	61	39				
	Sanguinaire ...	1002·7	59	WNW	5	m	1006·7	*	53		W	3	*	m	5	-	64	47				
SOUTHERN STATIONS.	Corunna																					
	Madrid	1008·7	58	N	3	bc	1017·8	+4	40		NE	1	-	b	*	-	61	32				
	Lisbon	1012·3	63	NNW	4	b	1015·2	+2	54	0	NNW	3	-	b	5	-	68	54				
	Azores (Horta) ...	1025·1	*	NE	4	bc	1028·4	0	54	-5	-	0	*	bc	1	-	64	54				
	Madeira	1019·5	63	NW	3	c	1023·2	0	50	-5	NE	3	-	o	3	-	66	50				
	Gibraltar	1010·8	53	E	1	b	1012·2	*	55	+4	W	5	*	b	3	-	65	50				
	Malta	*	*	*	*	*	1000·2	-2	61	+4	ESE	2	-	o	0	-	64	57				
	Limassol	*	*	*	*	*	1017·8	+1	57	-2	-	0	-	bc	0	Trace	66	48				
	Alexandria ...	1018·4	59	-	0	bc	1021·2	+3	57	-4	S	3	-	b	2	-	70	54				
	Cairo (Helwan) ...	1018·2	62	-	0	b	1021·6	+4	57	+2	SSE	2	NW	b	*	-	70	48				

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

LONDON

27TH MARCH 9h. G.M.T.

	Humidity 15 h. 26TH %	Humidity 9 h. 27TH %	Sunshine for 26TH Hours.	24 Hours ended 9 h. 27TH: Temperature Max. °F.	Temperature Min. °F.	Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	62	84	3·3	48	33	20	-	c.o	c bc b.	b.bc cox
CITY (Bunhill Row)	*	*		*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	63	82	2·7	47	*	32	-	bc	bc	bc.oe.
CAMDEN SQ. (British Rainfall) ..	57	83	2·7	48	36	29	-	bc	o	*
S. KENSINGTON (M.O. roof) ..	*	83	3·9	47	39	*	-	bc.c.o	o.bom	cm.o.

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 26TH...

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
820	18·3	50·5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29,580. THURSDAY, 28TH MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature was about the normal, passing above 50° in several places. Rain has fallen generally, light in the south and east, 19 mm. at Cahirciveen, and 16 mm. at Eskdalemuir. Fair amounts of sunshine were registered on the south coast, nearly seven hours at Jersey, little or none elsewhere.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 27TH MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 27TH to 17h
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	2	-	53	38	o.c.	c.o.	0.5
	Montrose	2	0.2	49	39	o	o	0.0
	St. Andrews	2	-	50	39	o	o	0.0
Eng. N.E.	Harrogate	-	-	47	35	o	o.c.	0.4
	Skegness	-	-	49	35	o	o	0.0
England, E	Felixstowe	-	-	47	38	om	om	0.0
	Southend-on-Sea	-	-	49	37	o	o	0.0
England, S.E.	Margate	-	-	48	37	o	o	0.0
	Hastings	-	-	47	37	o.bc.b.	bc	2.2
	Eastbourne	-	-	47	36	bc	bc	2.2
	Seaford	*	*	48	35	o	bc	1.9
	Worthing	-	-	48	36	o.bc	b	3.8
	Littlehampton							
	Bournemouth	-	-	50	40	c	c	5.7

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 27TH to 17h
		Mm.	Mm.	°F.	°F.			Hr.
Scotland W.	Oban	1	2	49	35	or.	c	0.4
Eng. N.W.	Morecambe	-	0.2	47	38	* o	* or. o.c.	0.0
	Southport							
Midlands.	Malvern	-	-	48	40	o	m	0.0
	Ross-on-Wye							
Wales.	Rhyl	-	-	50	35	bc	c.bc.c.	1.5
	Colwyn Bay	-	-	51	43	c	bc	0.8
	Llandudno	*	*	53	38	o	c.	2.3
	Aberystwyth	*	*	47	40	o.o.c.	o	0.0
England, S.W.	Weymouth	*	*					
	Torquay							
	Paignton	*	*					
	Penzance	-	-	50	41	b.bc.	o	3.2
	Newquay	-	-	51	39	b	c	4.2
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 27TH MARCH

	STATIONS.	Evening of 26TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 27TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel	1001.9	-8	N	1	b	1003.3	0	-6	0	NNW	3	o	-	*	-11
	Hangö	1010.0	19	NNE	2	o									*	
	Yuriev															
	Petrograd	1003.1	12	NW	2	b	1006.6	+3	5	-2	N	2	bc	-	18	5
	Vijni Volotchok	1002.0	9	NW	3	o	1004.3	+3	?	1	-	0	?	1	*	5
	Gorki							*							*	
	Moscow	1000.4	12	ESE	3	c	1003.4	+2	7	+6	WSW	3	c	-	*	5
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice	1008.6	43	E	2	o	1016.2	*	41	-9	-	0	b	Trace	52	36
	Turin	1002.7	48	NE	3	c	1015.9	*	41	-4	-	0	b	Trace	59	41
	Pesaro	1007.7	45	NE	1	r	1014.1	*	41		NE	6	b	12	61	39
	Leghorn							*								
	Rome	1003.4	54	S	1	o	1006.2	*	43	-9	N	3	o	1	61	41
	Viesti	1003.9	59	SW	1	o	1007.8	*	48	-7	NW	5	r	-	61	45
	Brindisi	1003.9	55	NW	1	b	1006.3	*	52	+2	W	1	o	-	59	50
	Cagliari	1004.3	66	NW	5	b	1005.8	*	55	0	NW	3	b	-	70	52
	Palermo	1006.5	57	S	4	o	1005.1	*	52	-5	-	0	o	-	64	48
	Tripoli							*								
	Algiers	1008.7	54	-	0	o	1010.0	+2	54	0	NNW	2	o	?	59	52
Sweden.	Hernösand	1011.9	?23	S	2	b		*						*	*	*
	Stockholm	1013.5	25	NW	2	b		*						*	*	*
	Wisby	1014.2	?23	NNW	2	b		*						*	*	*

ICELAND.	Morning of 27TH: Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1015.1	14	-25	N	9	o
Reykjavik	1009.4	16	-20	N	9	b
Vestmanna	1000.2	25	-12	E	9	b
Seydisfjord	1010.3	9	-16	NW	9	s
Thorshavn	997.9	43	+8	SW	3	o

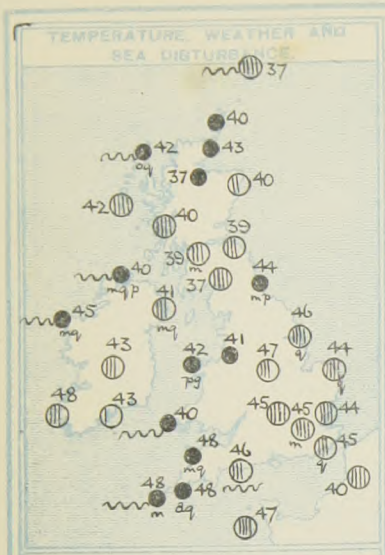
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

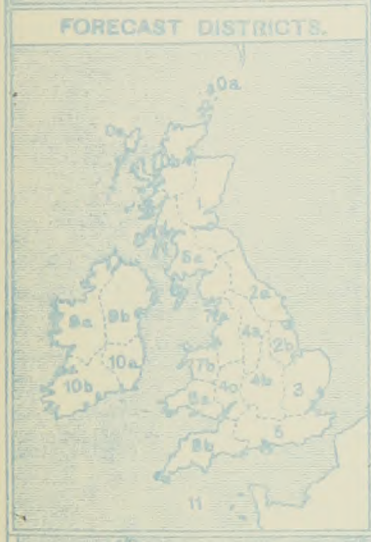
28TH AND 29TH MAR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.39	11.58	6.17
	5.36	11.58	6.19
Greenwich	5.47	12.6	6.23
	5.45	12.5	6.25
Wick	5.55	12.17	6.40
	5.52	12.17	6.42
Valencia	6.28	12.46	7.4
	6.26	12.46	7.6

Printed at the Meteorological Office, South Kensington, London, S.W.7.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

‡ The barometric change is expressed in half-millibars.

THE MORNING OF THURSDAY, 28TH MARCH, 1918.





EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm ◯

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—
◯ clear sky. ◐ sky ½ clouded. ◑ sky ¼ clouded. ◍ sky ¾ clouded. ◍ overcast sky. ● rain falling. ✳ snow. ▲ hail. ≡ fog. ≡° mist. T, thunder. ⚡, thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ≈≈≈.

LOW

985 mb.

990 mb.

995 mb.

Barometer falling generally

Bar. falling rapidly

LOW

HIGH

1000 mb.

1005 mb.

1010 mb.

1015 mb.

1020 mb.

1025 mb.

HIGH

Scale 1 : 2 × 10⁷

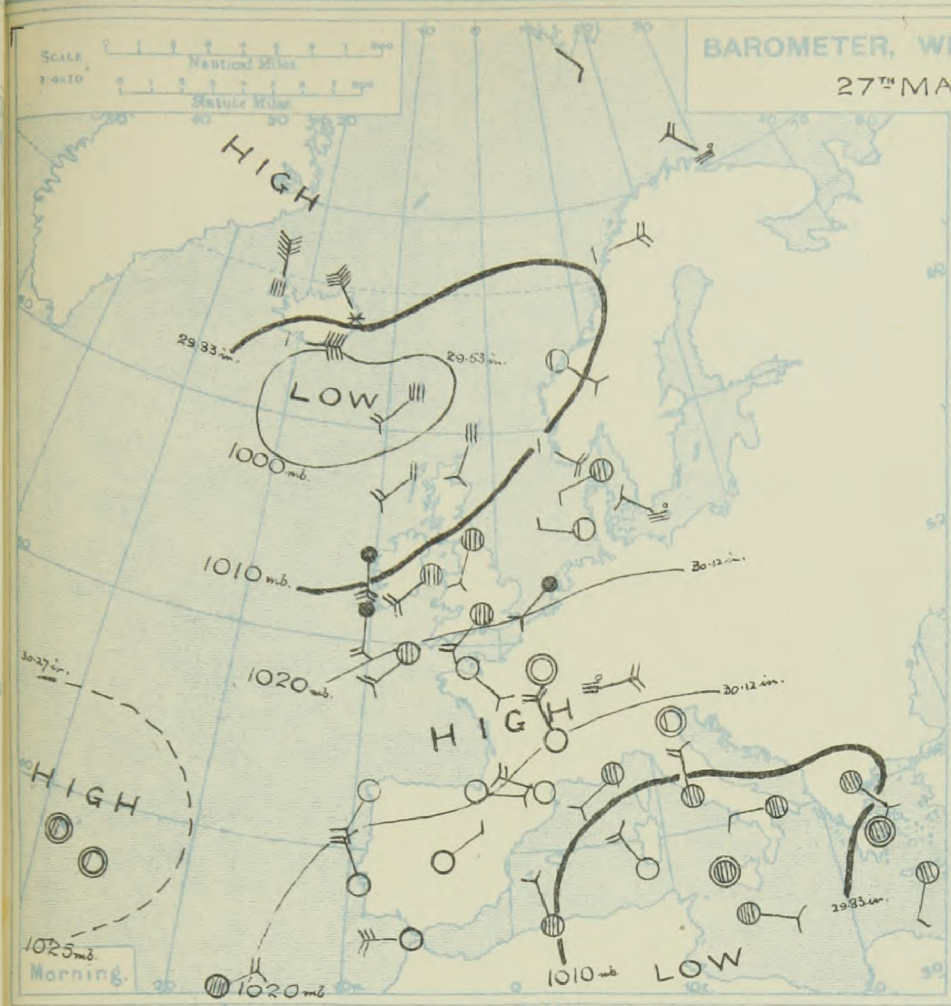
Nautical Miles

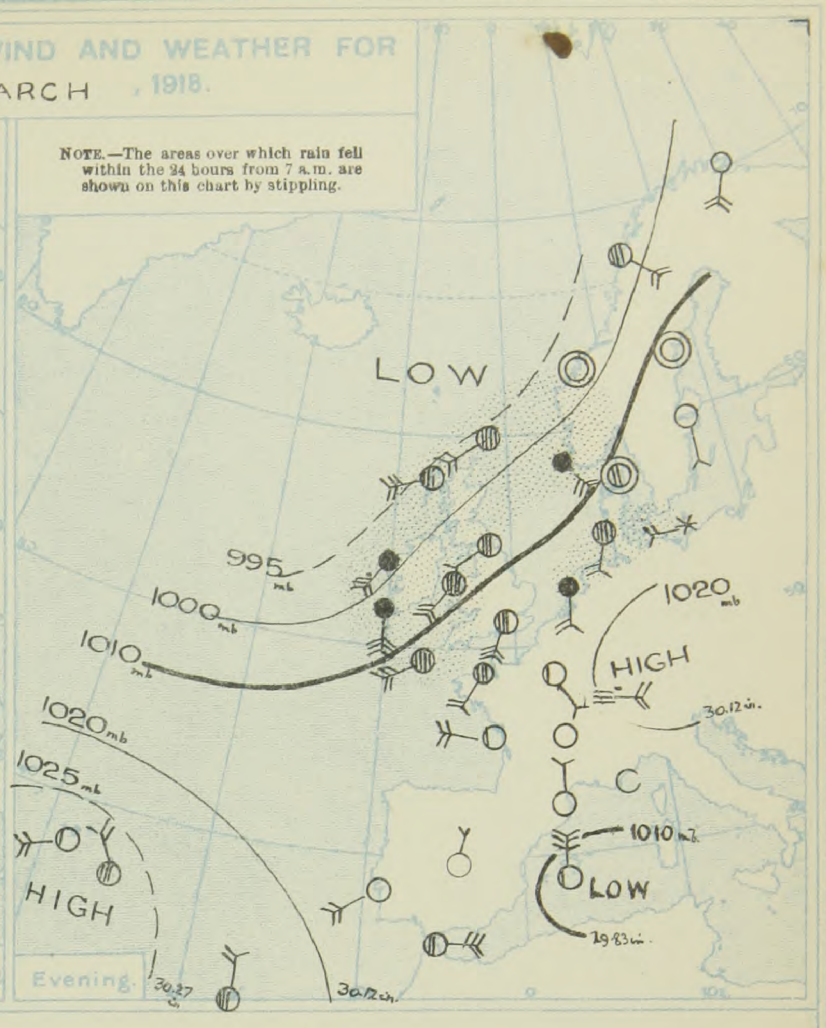
Statute Miles

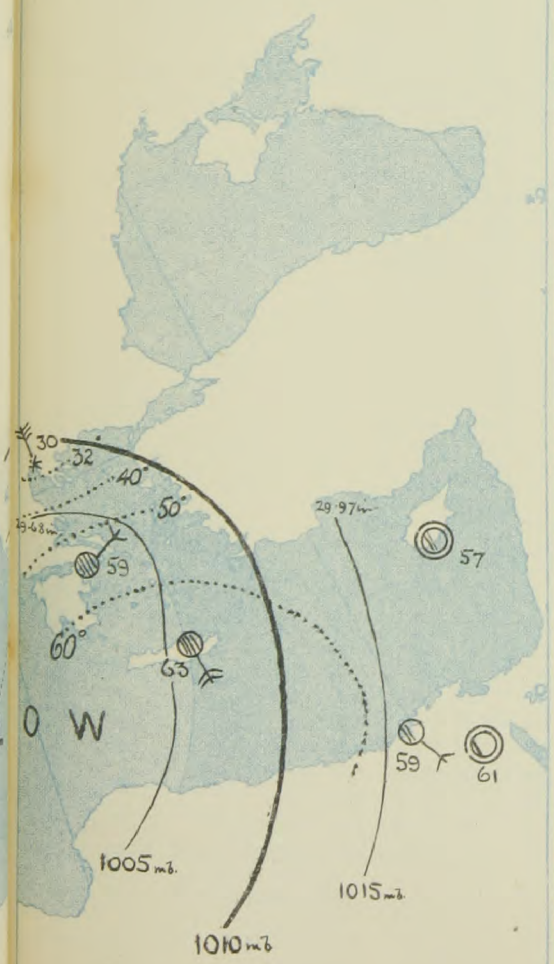
Normal Temperature of the Sea

Below 40° | 40°-50° | 50°-60° | Above 60°

Scale of Tints for MARCH.







The Present Situation

A depression is centred over Donegal and another over Bodö, the barometer in both regions having fallen quickly below 985 mb. A small V-shaped secondary has passed over Pembroke. The highest pressure, 1025 mb., is now to the southward of the Azores. The wind varies greatly both in direction and force, locally strong to high from various quarters. Weather of a more unsettled, squally type has become general in our neighbourhood, rain falling in several districts. Temperature has increased somewhat.

The General Outlook

The barometer is falling in most regions, but a rise has set in over the South of Ireland and South Wales. A strong wind to a gale is probable in several districts, the shift of wind into N. directions bringing sleet or snow showers and a decrease of temperature in the north and west.

H. H.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 87 ... THURSDAY, 28TH MARCH.

	STATIONS.	Evening of 27th: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 28th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 a.m. 28th: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 27th
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	995.5	45	SW	4	om	994.1	0	37	−3	NE	5	-	o	5	9	45	34	om	omp	omrq	*
	Deerness (Orkney)	996.3	45	S	3	or	990.2	*	40	0	NE	5	-	or	4	4	50	40	om c.bc	bc c.or	rd.ol.	2.6
	Stornoway ...	995.2	47	WSW	5	cpq	988.2	−1	42	−2	NE	7	-	orq	6	10	48	40	orq.	or. cpq.	cp orq.	0.0
	Castlebay (Barra Isd.)	996.6	47	SSW	4	c	987.2	−1	42	−5	ESE	2	-	o	3	9	49	42	r	ro bc	c or. o.	1.4
	Glasgow ...	1001.0	49	SW	3	om	990.7	−3	39	−4	SSE	2	SW	cm	*	5	49	37	odm om	om. odp.	c. ofm	0.0
	Eskdalemuir ...	1002.9	43	SSW	4	ome	991.8	−2	37	−4	SSW	3	-	o	*	16	47	35	om odm	om. odm	ome. ofdom	0.1
	Malin Head ...	1001.7	50	S	3	cm	982.2	−8	40	−7	SSW	5	SW	cmqp	5	2	52	39	omp	cm	cmqp.	3.6
	Blacksod Point	996.1	47	SSW	5	or	987.7	−3	45	−2	WNW	7	-	omqr	6	1	52	40	bcm	omr	bcp. qp.	*
	Valencia (Cahirciveen)	1001.8	50	S	6	r	996.8	+2	48	−1	WNW	5	NW	c	4	19	54	44	odp. c.	orq.	orp c.	1.1
	Roche's Point	1006.2	49	SW	4	o	996.0	*	43	−5	W	3	NW	b	4	10	51	43	ofd.	fdo	or b.	*
	Birr Castle ...	1002.2	52	SW	2	o	991.8	*	43	−4	SW	2	SW	c	*	8	55	29	od c.	o. cp	or. c.	2.0
	Donaghadee ...	1001.1	51	SW	4	bcqy	989.7	−4	41	−3	SW	4	SW	cmq	3	4	57	38	ogmp	om. bcq	omrom	*
	Liverpool (Bidston)	1008.6	47	SW	3	o	993.9	−4	41	−3	W	1	W	or	2	4	50	41	om	o	or	0.1
	Holyhead ...	1005.0	47	SW	5	ofe	992.8	−4	42	−4	SW	4	-	ofpg	3	11	48	41	o.cmqg	op o. op	or orp	0.0
	Pembroke (St. Ann's)	1009.3	46	S	5	ogpd.	996.1	−4	40	−6	NW	3	-	or	6	9	47	40	o	ogpdh	gp ogr.	0.0
	Hartland Quay	1011.5	48	SSW	5	r	996.3	−9	48	+2	SW	7	-	omq	6	1	49	45	c b o.	o	dmodm	*
	Scilly (St. Mary's)	1012.8	49	WSW	5	om	997.0	−11	48	+3	SW	6	SW	omr	6	1	?50	44	c. o.	c. om	om. omr	0.5
	Falmouth ...	1013.1	48	SW	5	cq	998.6	−9	48	+9	SSW	7	-	dmq	*	1	51	38	b bc o.	o.c. o.cq	d cqdq	4.2
	Jersey (St. Aubin)	1017.1	48	SW	3	c	1007.3	*	47	+9	SW	4	-	o	3	-	50	37	b	bc	c. o	6.7
	Portland Bill ...	1014.3	43	SW	5	c	1001.9	−5	46	+1	SW	6	SW	c	5	1	46	40	bc. b.	bc. c	c	*
	Dungeness ...	1014.8	44	SW	5	b	1005.9	−3	45	+2	SW	5	SW	cq	4	-	46	42	c. o. c.	c	c o. cq	*
	Dover	*	*	*	*	*													*	*		
	Wick	997.1	45	SSW	4	omr	988.9	−5	43	+3	E	3	-	r	3	3	51	37	ofp. bcm	bc. omr	omr	*
	Nairn	996.8	46	-	0	og	988.1	*	37	−6	-	0	-	d. ou.	0	6	52	36	cg	cgd. o.	cgpru	1.3
	Aberdeen ...	999.5	47	SW	3	ofm	988.7	−2	40	−1	SSW	3	SW	bc	2	3	54	40	omd o	o.c. ofm	op. b. or	0.4
	Leith	1000.2	49	SW	2	c	990.2	−1	39	−6	SW	1	SW	c	2	1	50	38	omd. o	o	cu bp. c	*
	Tynemouth ...	1004.2	48	SW	2	cgm	992.9	−3	44	+3	WSW	4	-	bcmp	4	-	48	41	ogm	ogm	omp	*
	Spurn Head ...	1008.8	46	WSW	4	om	997.1	−5	46	+6	S	5	-	oq	4	-	48	39	om	om	c. oq	0.0
	Yarmouth (Gorleston)	1012.1	46	SW	2	o	1004.2	−6	44	+7	SSW	5	-	oq	4	-	49	37	om	om	om. bom	0.0
	Clacton-on-Sea	1013.2	47	WSW	4	cy	1004.6	−5	44	+4	SSW	4	SW	og	3	-	47	40	ogm	ogm. cy	cy og.	0.0
	Nottingham ...	1009.2	47	SW	3	o	997.1	*	47	+7	SW	4	SW	c	*	0.1	48	40	o	o	o. c	0.0
	Benson (Oxon.) ...	1012.4	45	SSW	4	bc	1000.8	−6	45	+4	S	5	-	o	*	0.3	50	41	o	bc	bc. od.	*
	Sth Farnborough	1014.0	42	SW	5	b	1003.1	−5	44	+3	SW	6	-	odm	*	0.3	51	40	od. odo	o. b.	b. odm	2.1
	Salisbury Plain	1013.6	43	SW	5	c	1001.4	−6	45	+5	SSW	6	-	r	*	1	51	40	o. cq	b. cq.	orq	*
	London (Kew Obsy.)	1013.5	47	SSW	4	c	1003.0	−4	45	+4	S	2	-	om	*	0.2	50	41	om. o.	o. c.	c bc o om	0.1
NORTHERN EUROPE.	Spitsbergen ...												*		*	*						
	Vardö	1008.8	16	SSW	4	b	1000.7	−4	18	0	SW	7	-	b	5	*	18	14				
	Bodö	996.7	32	SE	4	c	982.8	0	27	+2	SE	4	-	s	2	-	32	25				
	Christiansund ...	996.7	41	-	0	o	993.5	+2	32	0	WNW	2	-	o	4	15	41	30				
	Skudesnaes ..	1000.3	37	ESE	6	r	995.0	−3	39	+3	ESE	4	-	s	4	3	39	36				
	Færder (X'iania Fjord)	1022.4	36	S	2	c	1001.0	−3	36	+2	NW	6	-	m	3	1	37	34				
	The Scaw (Skagen)	1011.0	36	-	0	bc	1002.0	−5	36	+4	S	4	-	o	4	-	41	32				
	Blaavands Huk	1012.3	37	SSW	3	o	1006.8	−2	39	+3	SW	4	-	r	*	1	45	34				
	Copenhagen ...	1014.2	37	-	0	bc	1009.6	−2	36	+4	SW	3	-	m	*	-	39	32				
	Bornholm ...	1014.8	32	W	3	s	1012.0	−1	34	+6	SW	3	-	c	0	3	34	27				
FRANCE, &c.	The Helder ...	1012.0	37	S	3	r	1005.9	−2	43	+6	S	6	-	c	3	3	43	36				
	C. Gris Nez ...	1015.2	43	WSW	4	b	1007.8	−5	43	+4	SW	5	*	o	4	-	45	39				
	La Hêve	1017.6	46	W	3	bc	1009.9	*	43		SW	6	*	o	4	-	50	43				
	Brest (St. Mathieu)	1017.5	49	SSW	4	o	1007.0	−7	49	+7	SSW	5	*	o	4	-	50	42				
	Rochefort (Ile d'Aix)	1019.2	46	WNW	4	b	1014.3	−2	40	+4	S	3	*	c	*	-	55	36				
	Biarritz												*									
	Paris	1018.7	43	SSE	2	b	1013.5	−2	34	+6	S	2	NW	b	*	-	46	28				
	Belfort	1020.0	37	E	4	m	1017.8	*	30	+2	-	0	*	c	*	-	43	28				
	Lyons	1018.2	41	NE	3	b	1017.5	*	32	+12	-	0	*	b	*	-	49	20				
	Nice	1013.8	43	-	0	o	1016.4	+2	41	+7	-	0	*	o	4	-	52	34				
	Perpignan ..	1015.1	50	N	2	b	1016.2	0	31	−12	-	0	-	b	*	-	57	31				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna																					
	Madrid	1013.2	59	NNE	1	b	1020.0	+2	41	+1	-	0	-	b	*	-	59	35				
	Lisbon	1016.6	61	SW	4	b	1020.4	+2	68	+14	WNW	2	-	b	5	-	68	48				
	Azores (Horta) ...	1027.8	*	SW	4	b	1023.4	−1	59	+5	WSW	5	*	s	2	-	64	54				
	Madeira	1022.2	63	N	3	c	1024.8	0	54	−4	N	2	-	b	2	-	63	54				
	Gibraltar	1016.9	58	E	5	bc	1020.6	*	51	−4	E	1	*	b	2	-	66	50				
	Malta	*	*	*	*	*	1001.6	+3	50	−11	NE	6	-	r	7	25	66	50				
	Limassol	*	*	*	*	*	1017.5	0	57	0	-	0	-	bc	0	Trace	66	45				
	Alexandria ...	1018.8	63	E	1	b	1015.9	0	59	+2	SSE	2	-	b	1	-	77	54				
	Cairo (Helwan) ...	1018.6	64	-	0	b	1015.9	−1	61	+4	-	0	-	b	*	-	75	55				

GALES.

Duration and Extreme Force in British Isles.

ESKDALEMUIR.
Extreme S.S.W. 8 at Midr (27th–28th) Gust 23 m/s.

BLACKSOD POINT.
Force 8 during squalls.

LONDON, 28th March 9h. G.M.T.	Humidity. 15 h. 27th	Humidity. 9 h. 28th	Sunshine for 27th	24 hours ended 9 h. 28th: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	62	90	0.4	51	40	33	-	o	o.c. o	o od.o.
CITY (Bunhill Row)	*	*		*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	59	83	0.2	51	*	36	-	o.u	u	omd
CAMDEN SQ. (British Rainfall) ..	58	85	0.0	51	41	34	0.3	o	o	*
S. KENSINGTON (M.O. roof) ..	*	86	0.2	51	42	*	Trace	o	o bc.	b bc o

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 27th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
430	9.4	34.5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,581. Friday: 29th MARCH, 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

A depression passed across the British Isles and gave rise to a South-Westerly gale in the Channel and strong NE. winds in the East of Scotland. Rain was general, the amounts being heaviest in the north and west. Sunshine was very irregularly distributed. Aberdeen and Scilly experienced over 8 hours. The maximum temperatures were generally about 50°. A sharp thunderstorm, accompanied by hail, occurred in London at 2.30 a.m. G.M.T. on the 29th.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 28th MARCH, 1918.

	STATIONS.	Rainfall Night 18h-9h.	Rainfall Day 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 28th
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	3	-	49	41	b.bc	bc.b.	5.8
	Montrose	3	-	49	39	b	b	7.5
	St. Andrews							
Eng. N.E.	Harrogate	1	2	48	40	cp	o.or	0.5
	Skegness	0.2	0.3	48	30	or	or.bc	1.3
England, E.	Felixstowe	-	1	45	40	omp	omqp	0.0
	Southend-on-Sea	-	1	46	37	o	or	0.0
England, S.E.	Margate	-	1	46	40	o	or	0.0
	Hastings	0.2	3	46	43	or c.	or	0.0
	Eastbourne	0.3	7	46	44	og	or.dw.	0.0
	Seaford	*	*					
	Worthing	0.3	4	46	43	o	r	0.0
	Littlehampton							
	Bournemouth	-1	5	53	44	r.or	bc	0.0
Scotland W.	Oban	6	2	48	38	o.c	or	0.4
Eng. N.W.	Morecambe					*	*	
	Southport	1	0.4	49	40	r.o.c.	c.or.c.	1.8
Midlands	Malvern							
	Ross-on-Wye	2	4	52	44	or.c.	c.bcr.	2.0
Wales	Rhyl	6	1	50	40	or	p.bc	5.3
	Colwyn Bay							
	Llandudno	*	*	51	40	rc.	c	4.4
	Aberystwyth	*	*	47	40	r.o.c.	bc.o.	2.0
England S.W.	Weymouth	*	*					
	Torquay	4	3	53	47	or.c.bc	bc.b.	5.3
	Paignton	*	*					
	Penzance	7	-	54	46	o.c.	bc	7.5
	Newquay	1	3	51	39	r.bq	bq	6.8
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 28TH MARCH

	STATIONS.	Evening of 27th: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 28th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time	Archangel	1005.2	1	NNW	2	b	1008.8	+1	-4	+2	N	2	o	-	*	-11
	Hangö														*	
	Yuriev															
	Petrograd	1013.2	7	SW	2	o	1014.7	+1	5	0	WNW	2	b	-	12	1
	Vijni Volotchok															
	Gorki							*							*	
	Moscow														*	
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean	Venice						1019.5	*	36	-5	NE	2	o	-	48	?
	Turin	1015.3	49	-	0	b	1018.9	*	37	-4	N	3	o	-	52	36
	Pesaro	1017.1	41	NE	5	b	1018.2	*	39	-2	NNE	6	b	-	50	36
	Leghorn	1014.3	43	E	3	b	1015.7	*	39		E	3	bc	-	46	36
	Rome	1009.9	41	N	3	b	1011.5	*	41	-2	N	2	b	-	54	36
	Viesti	1007.8	46	SSW	5	bc	1011.3	*	43	-5	NW	5	bc	-	48	39
	Brindisi	1006.1	48	NW	5	o	1006.3	*	45	-7	NE	5	o	-	52	45
	Cagliari	1004.5	63	SE	3	c	1012.6	*	54	-1	NW	4	b	-	68	50
	Palermo	1005.1	52	SSW	1	o	1007.4	*	48	-4	SW	3	o	1	61	48
	Tripoli						1006.6	*	57		N	4	r	11	79	54
	Algiers	1013.9	52	NNW	3	o	1018.7	+5	52	-2	NNW	3	bc	1	57	48
Sweden	Hernösand	1014.4	19	-	0	b		*						*	*	*
	Stockholm	1015.2	23	S	2	b		*						*	*	*
	Wisby	1015.8	25	E	2	b		*						*	*	*

Morning of 28th:

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	1003.5	16	+2	-	0	o
Reykjavik	1004.3	14	-2	-	0	b
Vestmanna	1003.5	23	-2	N	2	b
Seydisfjord	1004.7	10	+1	N	2	b
Thorshavn	998.9	27	-16	N	4	o

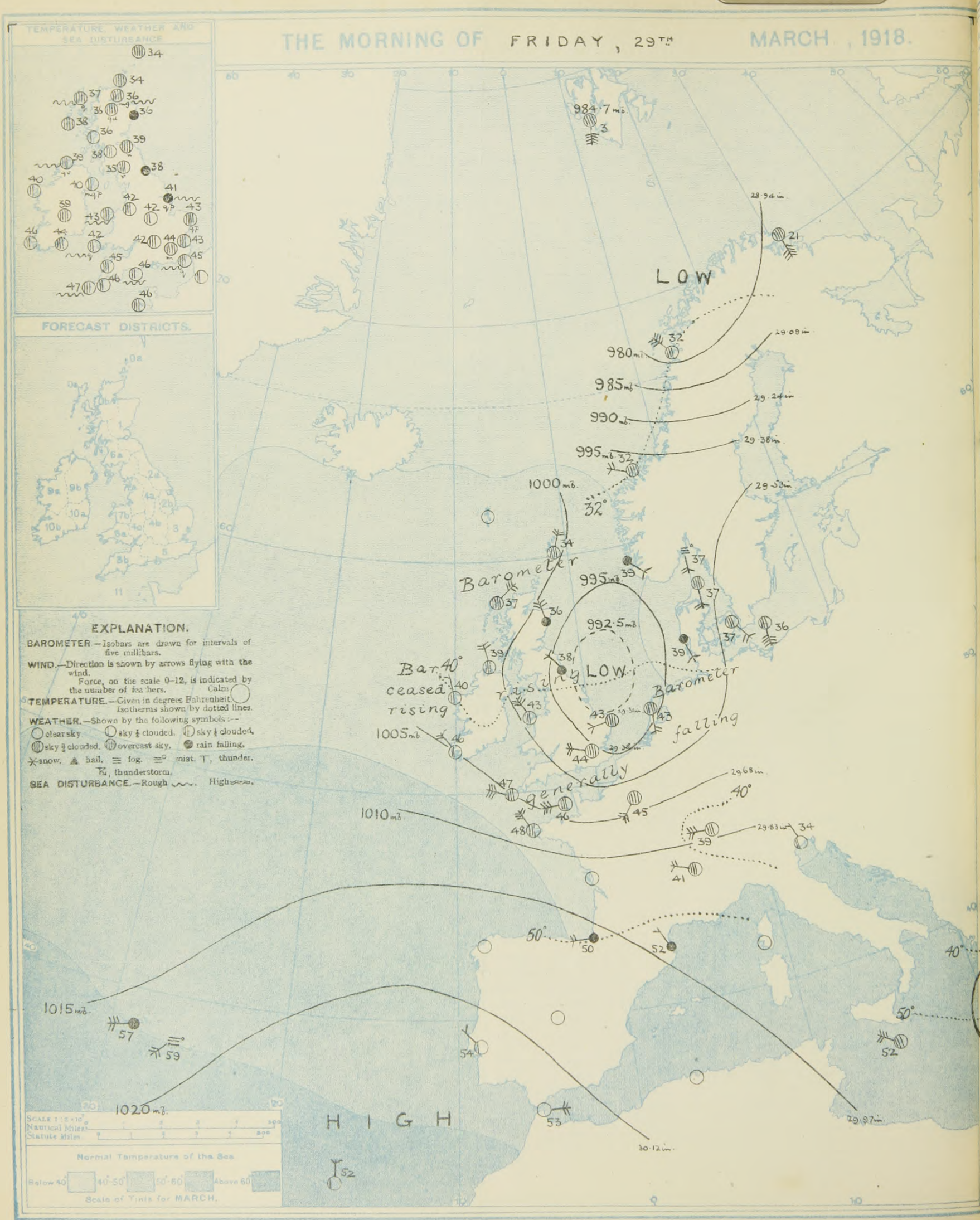
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

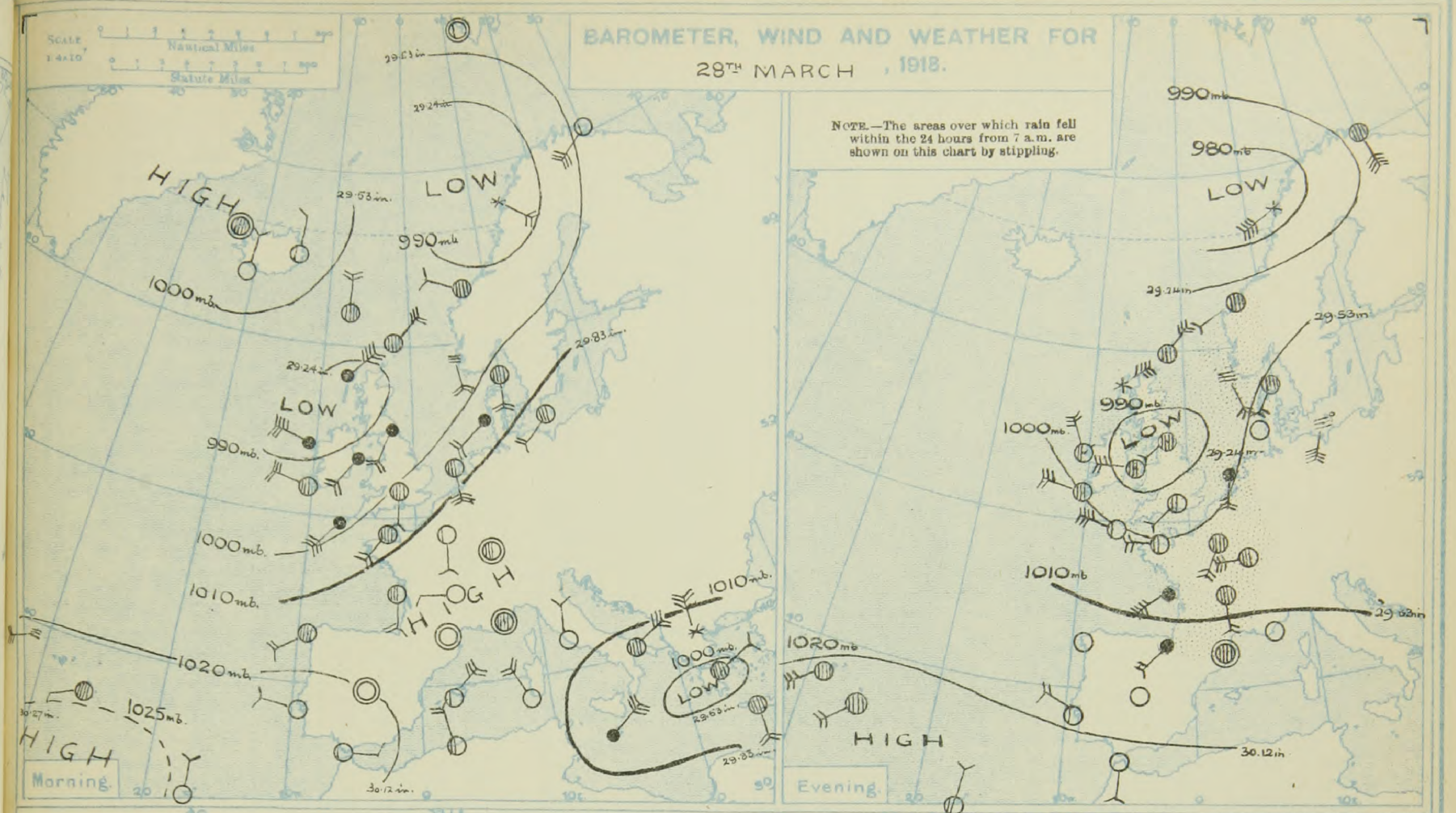
29th and 30th MAR 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.36	11.58	6.19
	5.34	11.58	6.21
Greenwich	5.45	12.5	6.25
	5.43	12.5	6.27
Wick	5.52	12.17	6.42
	5.48	12.17	6.45
Valencia	6.26	12.46	7.6
	6.24	12.46	7.8

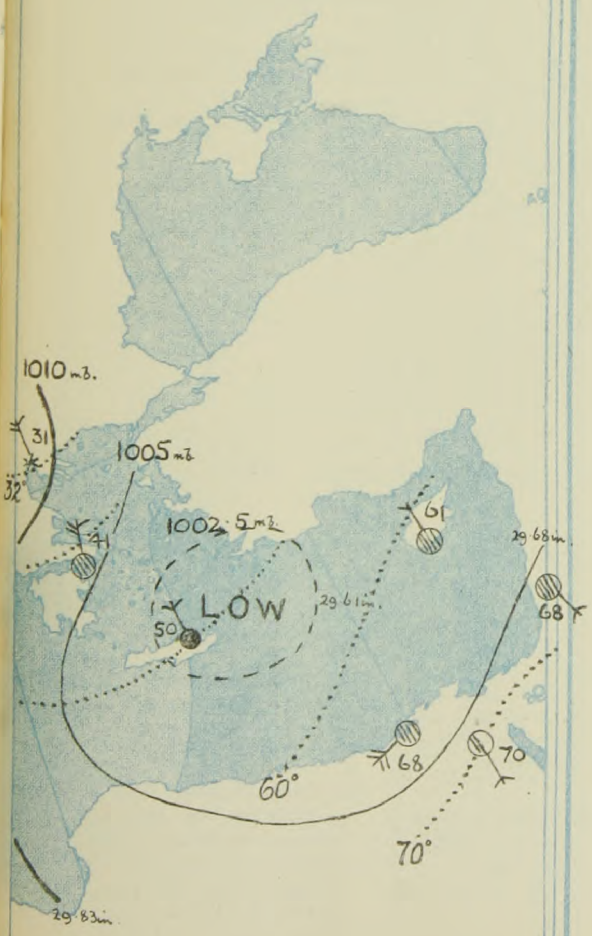
Printed at the Meteorological Office, South Kensington, London, S.W.7.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

‡ The barometric change is expressed in half-millibars.

THE MORNING OF FRIDAY, 29TH MARCH, 1918.







The Present Situation

A depression over the North Sea is causing fresh or strong winds from between N. and W. over England and Scotland with changeable showery weather. France and the Low Countries are also under the influence of the depression and are experiencing Westerly or Southerly winds with dull weather and local rain.

A deep depression is centred over Crete. It is causing snow and cold weather over the Balkans. A fresh depression has appeared since yesterday near the Azores.

The General Outlook

A temporary improvement is anticipated over England as the North Sea depression passes away but the barometer has ceased rising in Ireland and a fresh fall is anticipated there very shortly. The general distribution favours the passage of depressions from the Atlantic across this country. Alternations of fair weather with rain or showers may be expected to continue.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 88. 29th MARCH

	STATIONS.	Evening of 28th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 29th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours ‡	Temp. Dry Bulb °F.	Temp. Change in 24 hours °F.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 A.M. 29th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 28th. Hours.
BRITISH ISLANDS.	Lerwick ...	995.5	36	NE	5	o	1000.3	+1	34	-3	NNE	4	–	o	4	–	38	32	o	o	o	*
	Deerness (Orkney)	993.2	36	NE	6	rs	1000.3	*	34	-6	NNE	4	–	o	4	15	42	33	r	r: rs	rs.o	0.0
	Stornoway ...	995.6	35	NE	7	orsq	1002.2	+2	37	-5	NE	5	–	oq	5	16	42	34	orq	orsq	op.oq	0.0
	Castlebay (Barra Isd.)	993.3	38	NNE	5	rq	1001.3	+2	38	-4	N	3	–	o	3	5	42	36	or	rq	rhq.op	0.0
	Glasgow ...	988.4	41	NE	2	o	998.7	+5	38	-1	NNW	2	s	c	*	4	47	35	c.opd.c	omp	c orsp	1.8
	Eskdalemuir ...	987.2	39	ENE	3	or	996.0	+5	35	-2	N	6	–	cv	*	?	44	34	o.op.or	ov.op.o	or.o.bc	0.4
	Malin Head ...	985.9	42	NNW	6	ompq	1000.5	+3	39	-1	NNW	4	N	cvq	5	3	45	37	cq	cmpq	cpq	0.5
	Blacksod Point	996.7	45	NNW	5	bc	1003.0	0	40	-5	NNW	1	–	bc	3	21	48	37	omr	bc	bcp.bc	*
	Valencia (Cahirciveen)	1000.0	49	WNW	5	cp	1005.0	+1	46	-2	NW	3	NW	bc	3	1	51	45	cp	cp	cp.c	7.0
	Roche's Point	998.1	46	WNW	5	c	1004.7	*	44	+1	W	2	NW	c	3	1	52	43	b.bcpq	bc.cpq	c	*
	Birr Castle ...	993.1	47	W	3	c	1003.5	*	39	-4	W	1	–	o	*	8	48	36	or	or.cp	c.o	0.8
	Donaghadee ...	987.4	43	NW	5	ompq	999.3	+6	40	-1	NNW	4	NW	bcmpq	4	6	49	40	cmpq	cmpq	omr.cq	*
	Liverpool (Bidston)	987.3	45	WSW	4	r	997.2	+4	42	+1	WNW	4	NW	c	3	4	49	41		cp	oq	2.6
	Holyhead ...	988.6	46	W	5	cq	998.9	+4	43	+1	NW	6	NW	c	5	3	50	42	cp.b.cq	op.cp.c	op.cpq	4.0
	Pembroke (St. Ann's)	994.5	47	WSW	6	cq	1002.4	+3	42	+2	NW	5	N	bcq	5	4	47	40	bq.bcq	bcq.cq	bcq	6.7
	Hartland Quay	997.7	48	WSW	5	o	1003.7	+5	45	-3	NW	5	–	c	6	5	49	43	omr.o.b	b.bc.c	o.c	*
	Scilly (St. Mary's)	1000.8	49	WNW	7	b	1005.9	+1	47	-1	WNW	6	NW	c	6	2	52	45	cp.bc.b	b	c.cp	8.1
	Falmouth ...	999.5	47	W	6	bq	1004.3	+4	46	-2	NW	4	–	bc	*	10	54	43	rq.bcq	bcq	bq.bcp	6.9
	Jersey (St. Aubin)	1000.3	47	W	4	bc	1003.8	*	46	-1	W	6	W	c	4	9	49	45	ur.dm.r	or.b..bc	c.oq.c	0.8
	Portland Bill ...	996.5	47	WSW	4	bc	1000.1	+6	46	0	WNW	3	W	bc	5	4	48	44	crq	bc	bcq	*
	Dungeness ...	996.0	45	SW	6	rq	995.3	+1	45	0	WSW	5	SW	cq	5	7	46	43	c.opq	orq	cq	*
	Dover	*	*	*	*	*													*	*		
	Wick	991.6	39	NNE	6	ompq	1000.0	+4	36	-7	NNE	6	–	omg	6	17	44	34	omr.c	c.ompq	op.rsq	*
	Nairn	990.4	43	ENE	1	cq	1000.2	*	36	-1	NNE	4	–	oqu	4	1	47	33	c.bc.c	c.bc.c	op.ou	4.9
	Aberdeen ...	989.8	41	E	1	b	997.0	+7	36	-4	NNW	4	–	r	4	13	49	35	bc.b	b	b.orsq	8.3
	Leith	987.5	45	E	1	c	996.8	+3	39	0	NNW	2	–	ou	3	2	52	37	cu.bc.c	cg.op.c	cu.cp.o	*
	Tynemouth ...	987.7	43	SW	2	om	992.9	+2	38	-6	NW	2	–	omr	4	3	48	37	omr	omp	omw	*
	Spurn Head ...	989.9	45	SW	3	bc	991.8	+2	41	-5	NNW	6	–	cpq	5	3	47	40	orq	bc	cpq	1.0
	Yarmouth (Gorleston)	994.6	44	SW	7	o	992.9	-1	39	-5	WSW	2	–	opq	2	2	46	38	opq	opq	bc.opq	0.0
	Clacton-on-Sea	995.4	45	S	6	c	993.8	+3	43	-1	W	4	W	cv	3	3	45	41	ogpd	ogd.c	or.c.op	0.0
	Nottingham ...	990.4	47	SW	3	c	995.7	*	42	-5	NW	3	NW	bc	*	5	51	40	c.or	o.cp	c.bc	2.2
	Benson (Oxon.) ...	994.2	47	SW	4	bc	997.5	+5	42	-3	WNW	5	SW	c	*	4	52	40	or	bc	pq	*
	Sth Farnborough	995.2	46	SW	2	bc	997.2	+5	43	-1	W	5	–	o	*	5	51	43	orq.om	orq.bbc	bcpq.o	2.1
	Salisbury Plain	999.5	47	W	5	c	999.1	+4	41	-4	WNW	6	–	c	*	5	51	40	or.pq		orq.c	*
	London (Kew Obsy.)	995.2	49	SW	2	bc	997.6	+4	44	-1	WNW	4	–	o	*	3	50	43	om.or.oq	or.cd.c	bc.or.om	1.2
NORTHERN EUROPE.	Spitsbergen ...	995.8	-11	SSE	1	bc	984.7	-5	3		E	8	*	o	*	*	3	-26				
	Vardö	992.6	19	S	8	o	981.1	-5	21	+3	S	7	–	o	4	*	21	10				
	Bodö	977.6	30	SW	8	s	979.8	+3	32	+5	NW	7	–	c	4	?	32	27				
	Christiansund ...	994.3	34	SW	2	o	998.2	+2	32	0	WNW	3	–	o	5	–	34	30				
	Skudesnaes ..	994.6	39	SSE	4	f	995.2	0	39	0	SE	2	–	r	3	6	39	36				
	Færder (X'iania Fjord)	997.8	37	SSW	6	f	998.0	0	37	+1	S	3	–	m	3	4	37	34				
	The Scaw (Skagen)	1006.7	41	SSW	3	o	998.7	+1	37	+1	S	3	–	o	3	4	43	34				
	Blaavands Huk	1001.2	41	SW	3	o	997.0	-1	39	0	SSE	2	–	r	*	Trace	41	37				
	Copenhagen ...	1006.7	37	SW	3	m	1002.2	-1	37	+1	SE	3	–	c	*	Trace	39	36				
	Bornholm ...	1008.7	34	SSW	7	m	1003.9	+2	36	+2	S	7	–	c	1	–	39	32				
FRANCE, &c.	The Helder ...	998.8	43	S	5	r	993.6	-2	43	0	S	3	–	o	2	2	45	41				
	C. Gris Nez ...	998.3	43	SSW	6	r	995.6	-1	43	0	W	7	*	bc	5	4	46	43				
	La Hève	998.3	45	SSW	7	r	1002.3	*	45	+2	WNW	6	*	r	5	17	46	43				
	Brest (St. Mathieu)	1004.7	48	WNW	5	bc	1008.6	+1	48	-1	NW	5	*	c	4	2	50	46				
	Rochefort (Ile d'Aix)												*		*							
	Biarritz	1014.4	54	SW	3	r	1015.8	+3	50	–	W	3	*	r	3	7	54	50				
	Paris	1004.7	45	S	4	o	1004.4	+2	45	+11	SW	4	–	o	*	4	52	34				
	Belfort	1009.2	48	W	6	c	1009.5	*	39	+9	W	5	*	c	*	?5	55	30				
	Lyons	1009.0	52	S	3	o	1012.3	*	41	+9	WNW	3	*	c	*	–	60	32				
	Nice												*									
	Perpignan ..	1013.9	50	–	0	o	1013.2	+2	52	+21	NW	1	W	r	*	2	57	31				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna														*							
	Madrid																					
	Lisbon	1018.2	59	WNW	3	b	1022.2	0	54	-14	NW	1	–	b	2	–	68	54				
	Azores (Horta) ...	1021.8	*	SW	5	o	1016.8	-1	57	-2	WSW	5	*	r	4	5	64	59				
	Madeira	1023.6	61	N	2	bc	1024.3	0	52	-2	N	2	–	b	2	–	63	52				
	Gibraltar	1021.7	58	S	2	b	1021.3	*	53	+2	W	4	*	b	3	–	67	50				
	Malta	*	*	*	*	*	1012.6	+2	52	+2	NW	5	–	c	5	3	54	50				
	Limassol	*	*	*	*	*	1003.1	-6	61	+4	N	1	–	o	2	–	66	46				
	Alexandria ...	1007.8	72	SSE	2	c	1003.0	0	68	+9	WSW	4	W	o	2	–	82	57				
	Cairo (Helwan) ...	1010.4	72	SSE	1	c	1005.1	-1	70	+9	S	2	W	bc	*	–	82	61				

GALES.

Duration and Extreme Force in British Isles.

BLACKSOD POINT
NW 8, 9-13h. (28th)

HARTLAND QUAY
SSW 8 ac 8h (28th)

DUNGENESS
SW 8, 11-17h (28th).

NAIRN
NNE 8, 23h (28th) – 4h (29th)

LONDON 29th MARCH, 9h. G.M.T.	Humidity 15 h. 28th	Humidity 9 h. 29th	Sunshine for 28th	24 Hours ended 9 h. 29th: Temperature Max.	Temperature Min.	Min. on Grass.	Rainfall.	Weather Morning.	Weather Afternoon.	Weather Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)										
CITY (Bunhill Row)	*	*		*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)										
CAMDEN SQ. (British Rainfall) ..										*
S. KENSINGTON (Roof of M.O.)	*	*	1.0	50	42	*	6	od.or	or.bc	o.thro.

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 28th.

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.

The thermometers at Greenwich and Camden Square are in Glaisher screens.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 89... {SATURDAY, 30TH MARCH.

	STATIONS.	Evening of 29th: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 30th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 A.M. 30th: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 29th.
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1001.4	37	E	2	o	993.5	-3	41	+7	S	4	-	o	4	-	41	34	o	o	o	*
	Deerness (Orkney)	1001.0	37	ESE	4	c	992.2	*	40	+6	S	5	-	ome	5	-	?40	34	o	o.c.	c.oe	0.0
	Stornoway ...	998.2	41	SE	3	o	989.4	-2	43	+6	S	6	-	o	5	0.3	43	36	o	o.c.o	bq.	0.0
	Castlebay (Barra Isd.)	998.0	41	S	4	c	989.2	-1	46	+8	S	4	-	o	4	2	46	37	o.c.o.	o.c.o	or.o.	2.3
	Glasgow ...	1000.9	44	ESE	2	om	994.8	-4	39	+1	ESE	2	S	omg	*	-	48	36	c.bc.b.	bc.c.o.	o.c.omg.	3.6
	Eskdalemuir ...	1001.8	40	N	1	o	996.3	-4	36	+1	-	o	-	o	*	0.1	43	34	cr.cs.o.	o.or.o.	o	3.8
	Malin Head ...	998.6	44	SSW	3	bc	989.8	-2	45	+6	SSW	4	SW	cmr	3	3	48	39	cq/p	bc	cmr	5.9
	Blacksod Point	995.6	47	S	5	og	989.6	-2	47	+7	SW	2	-	fe	4	2	48	37	bc	bc	omd.fd.	*
	Valencia (Cahirciveen)	999.0	49	SSE	4	r.od.	992.1	0	47	+1	W	3	SW	o	3	26	53	46	c.o.	o.od.	rtlro.	1.6
	Roche's Point	1002.1	48	SSW	3	o	991.3	*	48	+4	W	4	-	o	4	11	53	44	c.o.	o	or.o.	*
	Birr Castle ...	1001.1	53	W	1	c	989.2	*	47	+8	S	1	-	r	*	12	53	39	c	c	c.or	7.2
	Donaghadee ...	1002.1	43	S	2	oc	992.3	-4	43	+3	SE	4	-	omr	3	3	46	39	bcmq/p	coe	bcq.om	*
	Liverpool (Bidston)	1002.8	43	WNW	3	b	995.2	-4	39	-3	SE	3	-	o	3	-	47	37	bc	b	o	9.5
	Holyhead ...	1002.9	45	WSW	3	c	992.2	-7	45	+2	SSE	5	-	odm	3	5	49	41	c	c.bc.c.	c.bbor	6.0
	Pembroke (St. Ann's)	1004.9	45	SSW	2	c	993.6	-6	47	+5	S	4	-	ofd	5	7	47	42	bcq	bc.c.	orf.fd.	7.4
	Hartland Quay	1005.5	47	SW	3	o	994.5	-4	50	+5	SSW	5	-	odm	4	2	51	44	bc.b.	b.bc.o.	o.odm	*
	Scilly (St. Mary's)	1006.6	49	SSW	2	o	996.7	-2	49	+2	W	4	W	o	5	2	54	45	cp.	c.o.	omd.	2.0
	Falmouth ...	1006.4	48	WSW	3	c	995.2	-3	50	+4	SW	3	-	oem	*	5	54	44	bc	cq.op.c.	oq.dcd.	3.3
	Jersey (St. Aubin)	1007.9	48	W	4	o	999.7	*	47	+1	S	3	-	omd	3	4	52	46	c.b.oqc	qp.bc.o.	b.omd.	4.3
	Portland Bill ...	1004.8	47	NW	4	bc	997.6	-6	45	-1	S	5	-	or	4	1	50	45	bc	bc	c.or.	*
	Dungeness ...	1002.5	47	WSW	4	c	1002.5	-2	44	-1	WSW	3	W	b	4	-	54	39	cq	cq	c.b.bc	*
	Dover	*	*	*	*	*													*	*		
	Wick	1001.1	38	SSE	1	og	993.2	-3	40	+4	S	4	-	omd	4	0.3	40	35	omfg	omg	o.bomd.	*
	Nairn	1000.5	37	-	0	bcm	991.6	*	40	+4	-	0	-	ogm	0	-	40	33	o.cg.	c.bc.	cgm	0.2
	Aberdeen ...	1001.3	39	NNE	2	c	995.8	-2	41	+5	SSE	4	-	c	3	2	41	35	orq.op.	op.c	c.o.	1.1
	Leith	1000.9	43	SW	1	o	994.8	-2	41	+2	SE	1	SE	cm	1	0.2	44	38	opc.o.	o	o.cgmc.	*
	Tynemouth ...	1001.0	40	NNW	2	cm	998.3	-2	38	0	SW	3	-	om	4	1	40	36	omq/p	omr	om	*
	Spurn Head ...	1000.7	42	NW	4	cq/p	999.9	-2	41	0	S	3	-	bcq	4	1	43	37	cq/p	cq/p	bc	0.1
	Yarmouth (Gorleston)	1000.5	43	NNW	4	c	1003.2	-2	40	+1	SW	2	-	bcm	2	1	46	39	oqd.	cm.bcm	om.om	0.3
	Clacton-on-Sea	1001.8	45	WNW	3	c	1000.3	-1	42	-1	S	2	-	c	2	1	48	38	c.bc.cp	cu.c.	c.og.c.	1.3
	Nottingham ...	1002.1	45	NW	3	c	999.1	*	37	-5	SE	1	SW	o	*	-	49	33	c.o.	o.c.	c.b.	1.1
	Benson (Oxon.) ...	1003.3	47	W	3	c	999.1	-5	39	-3	SSE	4	-	o	*	-	51	30	bc.	bc.c.	b.o	*
	Sth Farnborough	1003.8	47	W	4	o	1000.8	-5	40	-3	SSE	4	-	om	*	0.1	52	32	o.bc.o.	o.bc.o	o.bc.om	5.2
	Salisbury Plain	1005.2	43	W	5	c	998.6	-6	42	+1	SE	4	-	g	*	Trace	49	31	bcq.c	bcq	ofd.	*
	London (Kew Obsy.)	1003.1	48	W	2	o	1001.0	-4	39	-5	SSE	2	-	om	*	1	51	34	ome.bc.b.	bco.or.o	o.bomcom	3.7
NORTHERN EUROPE.	Spitsbergen ...	981.6	3	ENE	2	m	985.2	+3	3	0	NNW	4	*	o	*	*	5	-2				
	Vardö	979.0	27	S	3	bc	988.0	+6	30	+9	W	3	-	o	3	*	30	16				
	Bodö	993.0	34	NW	5	c	1001.0	+2	34	+2	SW	4	-	c	2	?	34	27				
	Christiansund ...	1003.8	34	W	1	c	1000.8	0	32	0	E	3	-	b	5	-	34	28				
	Skudesnaes ..	?1010.6	39	-	o	r	1001.0	+1	39	0	ESE	1	-	m	2	1	43	37				
	Færder (X'tania Fjord)	1001.9	36	SSE	2	m	1005.4	+3	36	-1	ENE	1	-	m	1	-	39	36				
	The Scaw (Skagen)	999.9	39	S	3	o	1003.8	+4	37	0	SE	2	-	o	2	-	39	37				
	Blaavands Huk	1000.4	41	SE	2	o	1003.6	+3	39	0	ESE	1	-	o	*	1	43	36				
	Copenhagen ...	1002.0	39	SSE	2	o	1005.1	+3	37	0	NE	2	-	c	*	-	41	36				
	Bornholm ...	1002.8	43	S	7	m	1006.3	+2	37	+1	SSE	2	S	o	1	-	43	32				
FRANCE, &c.	The Helder ...	997.6	41	W	3	o	1002.8	+2	41	-2	WSW	1	SE	bc	2	Trace	45	41				
	C. Gris Nez ...	1002.7	45	W	6	o	1003.5	-1	41	-2	SSW	2	*	c	2	-	48	41				
	La Hève	1006.8	45	W	3	c	1004.0	*	45	0	SE	3	*	r	2	4	50	45				
	Brest (St. Mathieu)	1009.8	50	SW	3	o	998.8	-3	50	+2	W	4	*	f	4	4	52	48				
	Rochefort (Ile d'Aix)	1013.2	51	W	5	o	1006.4	-3	50		SW	6	*	r	*	5	55	47				
	Biarritz												*									
	Paris	1007.2	50	WNW	2	o	1006.7	-3	45	0	S	2	-	o	*	2	54	43				
	Belfort	1008.2	44	WSW	7	r	1011.2	*	41	+2	WSW	6	*	o	*	6	50	38				
	Lyons	1011.6	51	W	3	r	1012.2	*	42	+1	SW	2	*	o	*	-	59	37				
	Nice	1013.6	45	-	o	o	1011.6	+1	44		E	2	*	c	3	-	54	36				
	Perpignan ..	1013.4	59	NW	3	b	1012.4	-1	50	-2	SW	1	SW	o	*	-	63	46				
	Sanguinaire ...	1009.4	60	W	4	bc	1011.4	*	53		E	3	*	m	4	-	66	45				
SOUTHERN STATIONS.	Corunna																					
	Madrid														*							
	Lisbon	1021.1	57	WSW	4	c	1018.3	-1	57	+3	WSW	3	-	o	5	-	64	54				
	Azores (Horta) ...	1016.3	*	SW	4	c	1016.4	+1	55	-2	WSW	5	*	o	4	5	63	55				
	Madeira	1022.4	59	N	2	o	1023.6	0	55	+3	N	2	-	o	2	-	63	52				
	Gibraltar	1020.6	58	NW	6	b	1019.3	*	55	+2	W	4	*	b	2	-	67	52				
	Malta	*	*	*	*	*	1011.4	0	55	+3	NW	4	-	b	4	-	57	52				
	Limassol	*	*	*	*	*	1005.9	+3	55	-6	W	1	-	o	2	3	66	46				
	Alexandria ...	1008.3	59	WNW	5	o	1011.8	+2	63	-5	WNW	5	NW	b	4	-	73	57				
	Cairo (Helwan) ...	1007.8	59	SW	1	o	1013.1	+4	55	-15	NW	1	-	c	*	1	79	50				

GALES.
Duration and Extreme Force in British Isles.

SOLAR HALO
observed at CLACTON-ON-SEA

LONDON 30th March 9h. G.M.T.	Humidity. 15 h. 29th	Humidity. 9 h. 30th	Sunshine for 29th	24 hours ended 9 h. 30th: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	81	80	3.8	53	33	26	-	b.o.	o	o
CITY (Bunhill Row)	*	*		*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)			3.4							
CAMDEN SQ. (British Rainfall) ..	?	77	?	53	34	28	0.3	-	-	*
S. KENSINGTON (Roof of M.O.)	*	82	36	52	38	*	Trace	bc.o	cp.o.	o.c.bcc.o

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 29th.

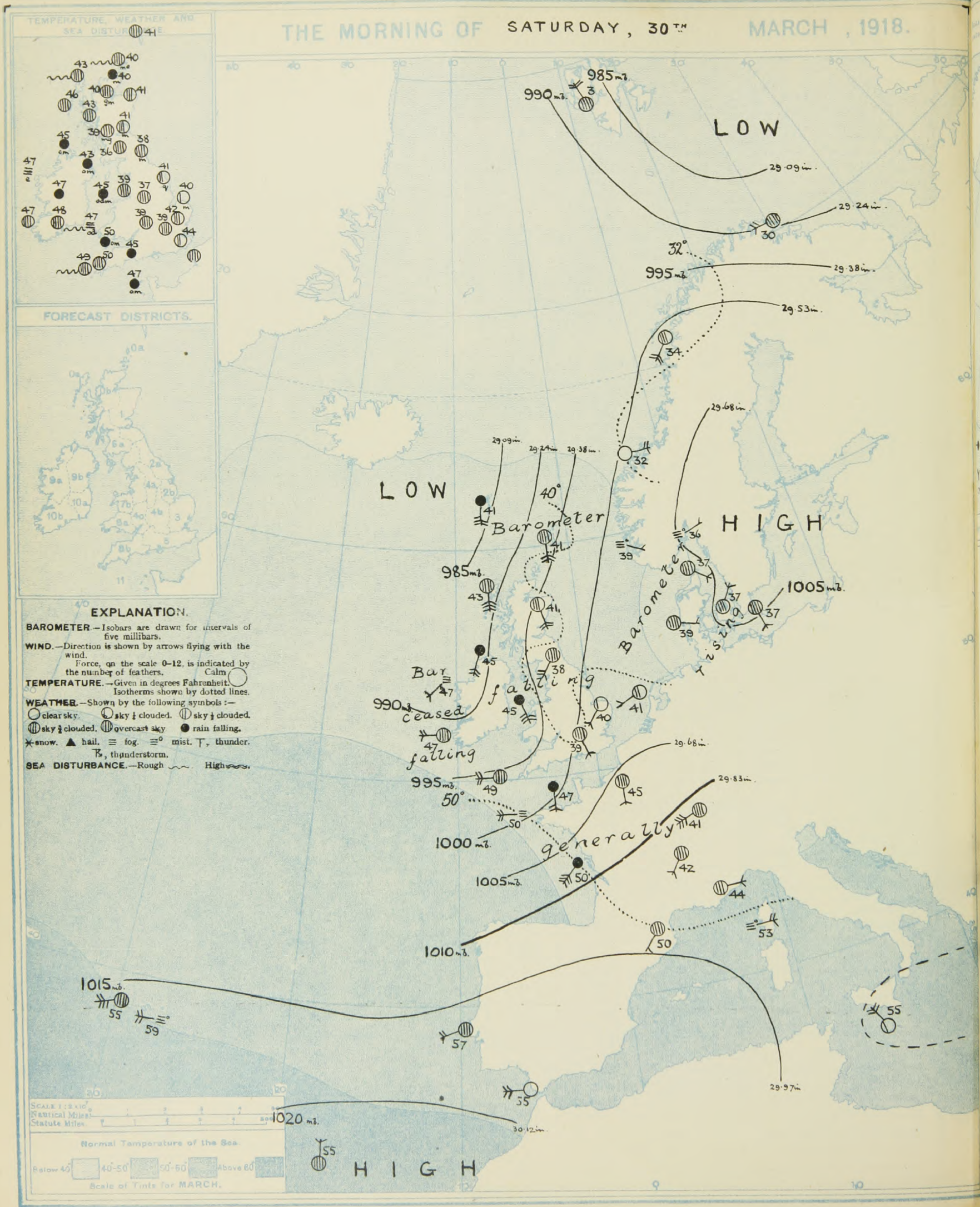
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
650	14.2	62

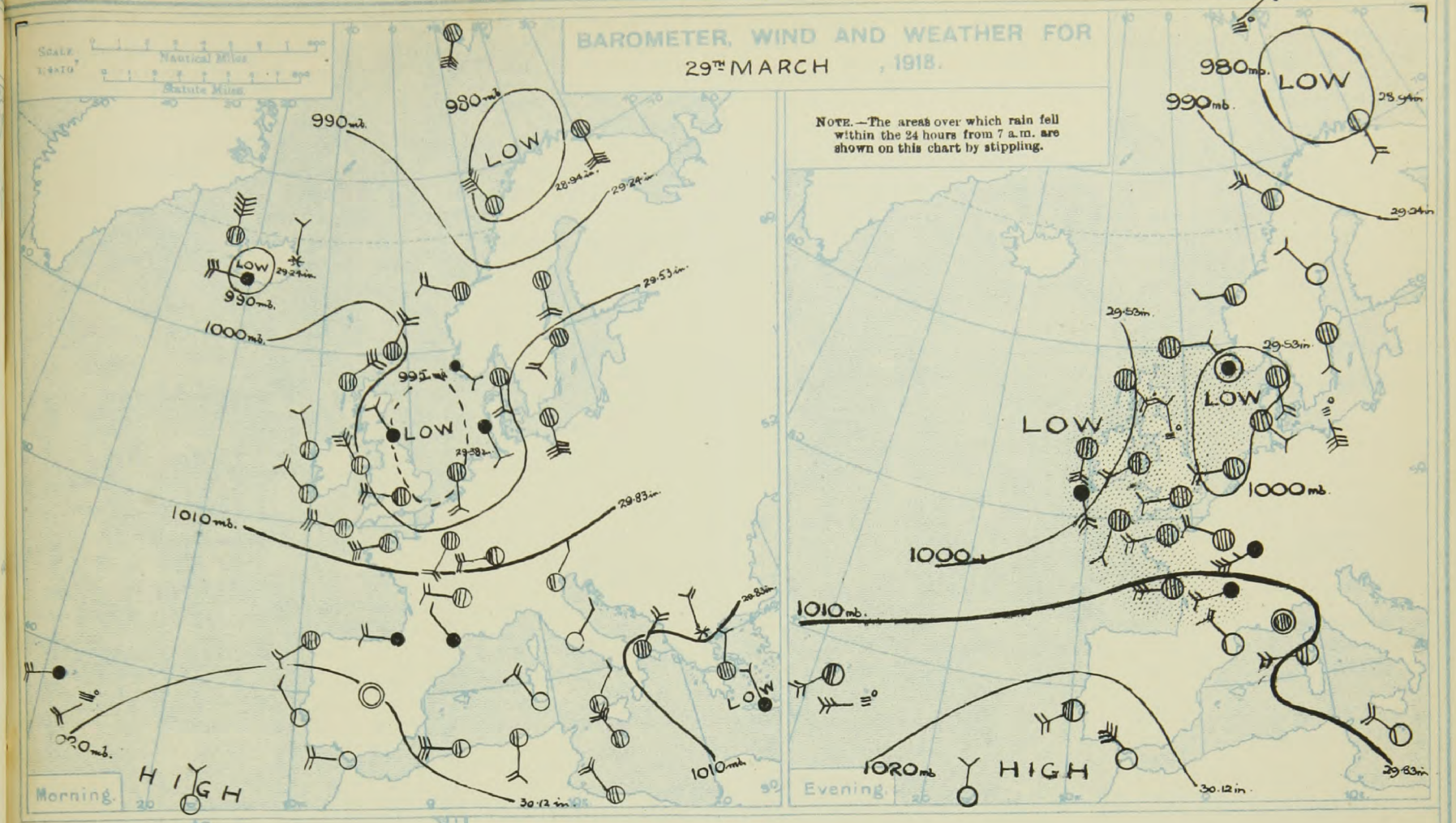
The thermometers at Greenwich and Camden Square are in Glaisher screens.

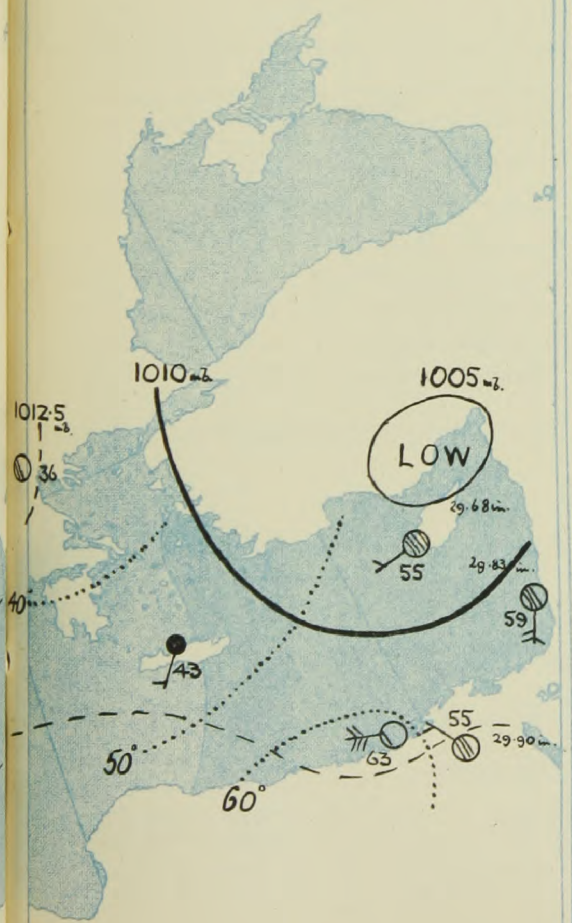
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

THE MORNING OF SATURDAY, 30TH MARCH, 1918.







The Present Situation

A depression, apparently moving eastward, is centred off our north-west coasts, while the highest pressure is found over the Madeira region. The barometer has ceased falling on the west coast of Ireland, but the fall continues over the United Kingdom generally. On the eastern shores of the North Sea pressure is increasing in the rear of the depression of yesterday. Rain is accompanying the Southerly wind over our Western districts, and over the Kingdom as a whole the sky is very cloudy or quite overcast.

The General Outlook

With the pressure distribution now prevalent it is probable that other depressions will arrive from the westward and travel eastward or north-eastward across the United Kingdom or its vicinity. The conditions are consequently expected to continue unstable for some days.

R.S.

R. G. K. LEMPFERT, C.B.E. Superintendent, Forecast Division. SIR NAPIER SHAW, Director.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29,582 ... SATURDAY, 30TH MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Temperature remained below 50° in many parts of the British Isles, below 45° at several Northern and North-eastern stations. Rain fell in almost all localities, but except in Ireland and Wales the amount was slight. At Valencia the fall was as much as 26 mm. Bright sunshine was rather prevalent in several parts of the Kingdom, especially on the south and and north-west coasts of England, but along the east coast of Great Britain the duration was slight.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 29TH MARCH

	STATIONS.	Rainfall. Night. 18h-9h.	Rainfall. Day. 9h-18h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine for 29TH to 17h.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	9	0.4	41	36	or s.c.	or. o.	0.1
	Montrose	5	-	47	35	o	o	2.7
	St. Andrews	2	-	44	34	o	c	1.7
Eng. N.E.	Harrogate	4	-	43	36	c. o.	o. c. bc.	0.3
	Skegness	-	1	48	36	o	o	1.2
England, E.	Felixstowe	2	-	48	40	cq. bc	bc. or.	1.0
	Southend-on-Sea	3	-	52	40	bc. c	c. o	2.5
England, S.E.	Margate							
	Hastings	0.4	-	52	43	or. bc. b.	bc	4.9
	Eastbourne	0.3	-	52	43	bc. b.	b. bc.	6.4
	Seaford	*	*					
	Worthing	-	-	53	43	bc	b	6.4
	Littlehampton							
	Bournemouth	-	-	52	45	c	b. bc	8.5
Sc'tld W.	Oban	3	-	47	36	b	bc	7.0
Eng. N.W.	Morecambe					*	*	
	Southport	2	-	47	41	bc. b. bc.	bc. b.	8.7
Midlands.	Malvern							
	Ross-on-Wye	2	-	51	40	bc. c.	c. bc	6.9
Wales.	Rhyl	3	-	46	40	rc. bc	bc	7.0
	Colwyn Bay	3	3	45	41	bc	bc	1.6
	Llandudno	*	*	47	41	rc.	c	3.0
	Aberystwyth	*	*	47	39	ro. c.	c. c. o.	2.5
England, S.W.	Weymouth	*	*					
	Torquay							
	Paignton	*	*					
	Penzance							
	Newquay							
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 29TH MARCH

	STATIONS.	Evening of 28TH: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 29TH: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	1009.6	-2	-	0	b	1002.1	+8	-8	-4	E	5	o	-	*	-15
	Hangö														*	
	Yuriev															
	Petrograd	1013.1	18	SW	3	bc	1004.4	-5	23	+18	SW	5	s	-	26	5
	Vijni Volotchok	1017.3	10	SW	1	b	1017.1	-2	3		-	0	b	-	*	3
	Gorki							*							*	
	Moscow	1019.0	9	WNW	3	b	1021.7	+1	5	+16	WNW	3	b	-	*	3
	Kiev														*	
	Kharkov	1019.7	21	NE	3	o	1025.5	+5	14		NE	2	b	-	*	12
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1018.3	39	-	0	b	1014.2	*	37	+1	NE	1	bc	-	43	34
	Turin	1015.5	39	-	0	bc	1014.2	*	36	-1	-	0	o	-	48	32
	Pesaro	1016.2	59	WNW	2	b	1014.2	*	41	+2	-	0	b	-	59	30
	Leghorn	1015.0	45	ENE	1	b	1012.3	*	41	+2	NNE	1	o	-	48	39
	Rome	1012.6	41	N	3	b	1012.7	*	36	-5	NE	1	b	-	52	34
	Viesti	1010.6	45	NNW	4	b	1011.9	*	45	+2	NNW	3	b	-	46	?
	Brindisi	1007.5	46	NNE	4	c	1007.5	*	45	0	NNE	4	o	-	46	45
	Cagliari	1011.1	61	NW	4	b	1013.9	*	55	+1	NW	3	b	-	68	48
	Palermo	1011.1	46	NW	4	f	1014.2	*	37	-11	NE	1	bc	-	48	34
	Tripoli	1017.9	55	N	4	c	1018.6	*	55	-2	NW	4	c	Trace	59	54
	Algiers	1019.2	54	-	0	b	1016.6	+1	57	+5	W	6	bc	-	61	52
SWEDEN.	Hernösand						995.1	*	34		-	0	c	*	*	*
	Stockholm						1001.2	*	37		SW	2	o	*	*	*
	Wisby						1006.3	*	36		S	4	c	*	*	*

Morning of 29TH:

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	998.7	18	+2	N	8	o
Reykjavik	985.8	28	+14	N	5	s
Vestmanna	986.6	39	+16	W	5	T
Seydisfjord	997.0	21	+11	N	2	s
Thorshavn	1000.9	31	+4	-	0	b

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

30TH AND 31ST MAR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.34 / 5.32	11.58 / 11.57	6.21 / 6.22
Greenwich	5.43 / 5.40	12.5 / 12.4	6.27 / 6.28
Wick	5.48 / 5.45	12.17 / 12.16	6.45 / 6.48
Valencia	6.24 / 6.21	12.46 / 12.45	7.8 / 7.9

‡ The barometric change is expressed in half-millibars.

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By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29,583. SUNDAY, 31ST MARCH 1918. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4)

Temperature failed to reach 50° over a large area in the N and E of the British Isles, and only touched that value in London, but on the extreme SW coast of England it exceeded 55°, and at Paignton the maximum was 60°. Rain fell very generally - as much as 13mm. in London, 15mm at Roche's Point, and 17mm. at Glasgow. Over extensive portions of the Kingdom in the N & E there was scarcely any sunshine, but in the SW, between Kerry and Cornwall, there was more than five hours.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 18h. 30TH MARCH

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 30th to 17h.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	0·1	-	46	33	bc.c.	c.o.	1·9
	Montrose	-	2	45	38	o	o	0·5
	St. Andrews							
Eng. N.E.	Harrogate	-	4	44	33	or	or	0·0
	Skegness	*	*	46	38	bc.o	or	0·8
England, E.	Felixstowe	-	2	46	38	bc.om	omr	1·3
	Southend-on-Sea	-	9	48	41	or	or	0·0
S.E. England	Margate	-	6	50	32	o	or	0·0
	Hastings	-	4	48	37	c or.	or	0·0
	Eastbourne	-	9	48	36	ogd.r.	orw.	0·0
	Seaford	*	*	47	34	r	r	0·0
	Worthing	1	9	49	37	ro	ro.	0·0
	Littlehampton	*	*	47	42	*	*	0·0
	Bournemouth	2	10	57	40	o	o bc.c.	1·5

	STATIONS.	Rainfall Night. 18h-9h.	Rainfall Day. 9h-18h.	Temperature Max.	Temperature Min.	Weather Forenoon.	Weather Afternoon.	Sunshine for 30th to 17h.
		Mm.	Mm.	°F.	°F.			Hr.
Scotland W.	Oban	1	14	48	35	or	or	0·0
Eng. N.W.	Morecambe					*	*	
	Southport	3	2	49	35	r	ro.	0·0
Midlands	Malvern							
	Ross-on-Wye	0·4	2	55	34	or	c.bc	1·6
Wales.	Rhyl							1·2
	Colwyn Bay							
	Llandudno	*	*					
	Aberystwyth	*	*	50	40	r.o.c.	bc.c.	2·5
England, S.W.	Weymouth	*	*					
	Torquay							
	Paignton	*	*	60	46	r.bc.	bc.	3·7
	Penzance	5	-	57	49	bc.c.	c	6·0
	Newquay							
	Ilfracombe							

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 30TH MARCH

	STATIONS.	Evening of 29th: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 30th: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F					°F	°F
Russia 7 a.m. and 9 p.m. Local Time.	Archangel	991·0	29	S	3	S	995·5	+2	21	+29	SW	2	o	-	*	1-8
	Hangö														*	
	Yuriev															
	Petrograd	1007·3	37	WSW	5	o	1012·8	+4	34	+11	SW	3	o	1	37	23
	Vijni Volotchok	1015·2	32	SW	4	o	1019·9	+3	23	+20	SW	2	b	-	*	23
	Gorki							*							*	
	Moscow	1021·5	21	SW	3	b	1025·0	+2	21	+16	WSW	b	b	-	*	14
	Kiev														*	
	Kharkov														*	
	Kishinev														*	
	Elisabetgrad														*	
	Nicolaiev							*							*	
	Odessa														*	
	Tarkhankout							*							*	
	Soukhoum														*	
Mediterranean.	Venice							*						-		
	Turin	1012·5	39	-	0	bc	1013·7	*	34	-2	4	0	b	-	48	30
	Pesaro	1012·3	45	N	1	o	1013·1	*	43	+2	NW	1	o	-	48	39
	Leghorn	1010·6	43	E	1	o	1011·1	*	43	+2	-	0	b	1	43	37
	Rome	1011·0	46	W	1	r	1011·4	*	41	+5	NE	1	bc	1	55	36
	Viesti	1011·4	43	NE	1	b	1012·2	*	43	-2	WNW	1	b	-	48	39
	Brindisi	1012·1	45	NW	3	b	1010·5	*	43	-2	NW	2	b	-	45	41
	Cagliari	1008·5	64	NW	4	c	1011·3	*	57	+2	NW	4	bc	-	68	48
	Palermo	1012·5	52	N	4	o	1011·3	*	54	+17	-	0	c	-	59	37
	Tripoli	1017·7	54	NW	1	b	1017·3	*	57	+2	NNW	2	b	-	59	48
	Algiers															
Sweden.	Hernösand							*						*	*	*
	Stockholm							*						*	*	*
	Wisby							*						*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Weather.
		°F	°F			
Isafjord	991·9	18	0	N	6	bc
Reykjavik	983·0	18	+10	N	6	b
Vestmanna	979·0	34	+5	-	0	bc
Seydisfjord	998·6	25	+4	N	2	S
Thorshavn	983·6	41	+11	S	5	r

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

31ST MAR. AND 1ST APR. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5·32 / 5·30	11·57 / 11·57	6·22 / 6·24
Greenwich	5·40 / 5·38	12·4 / 12·4	6·28 / 6·30
Wick	5·45 / 5·42	12·16 / 12·16	6·48 / 6·50
Valencia	6·21 / 6·19	12·45 / 12·45	7·9 / 7·11

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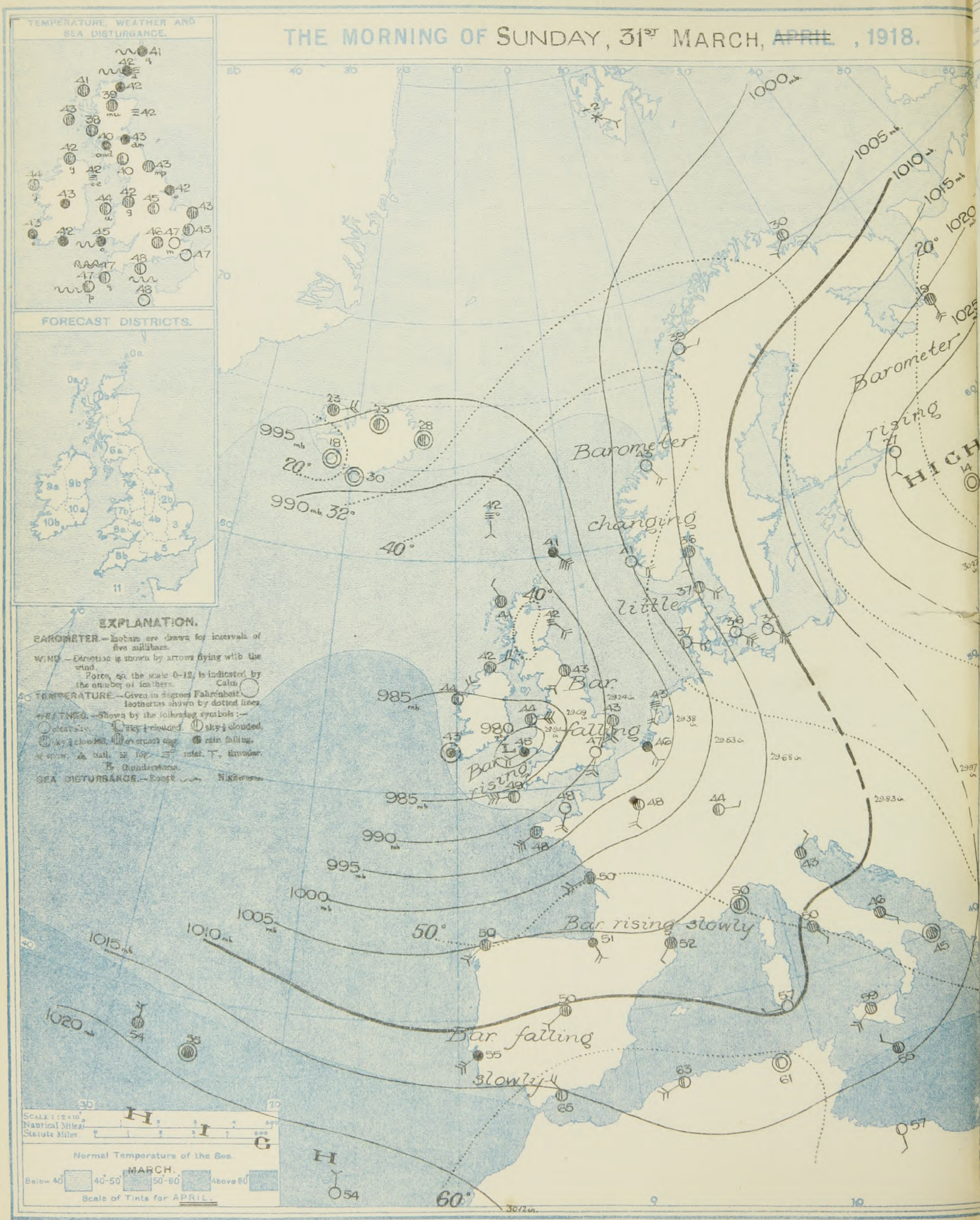
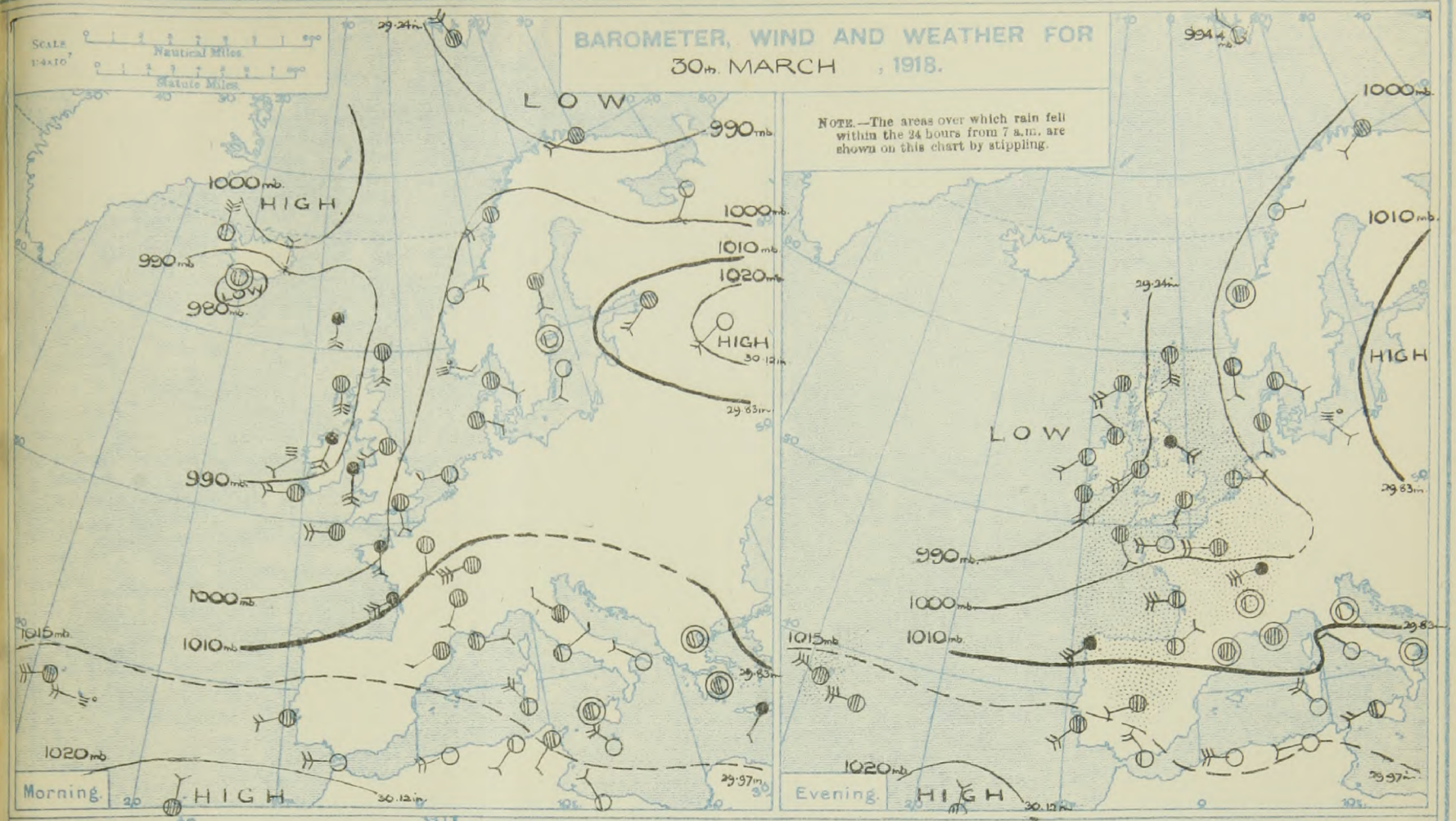
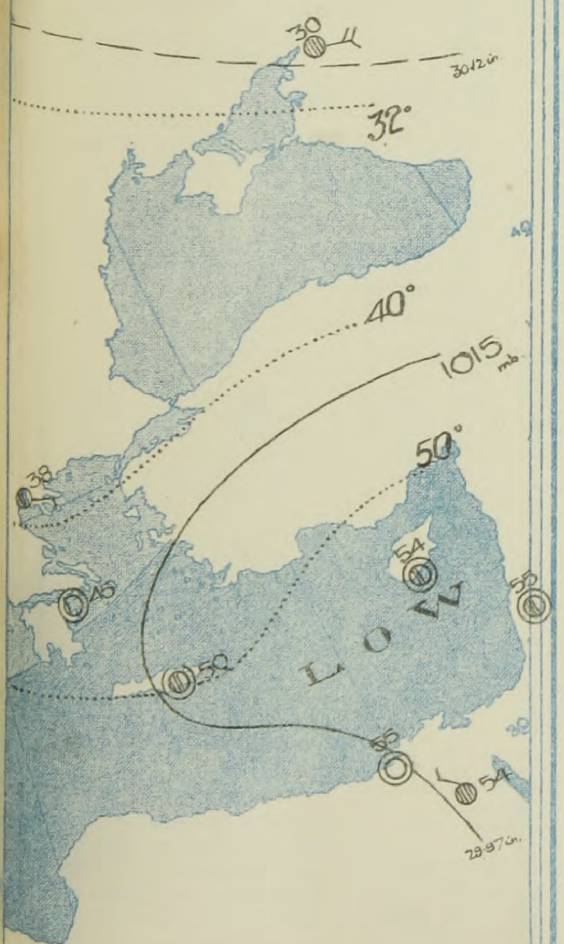
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

‡ The barometric change is expressed in half-millibars.

THE MORNING OF SUNDAY, 31st MARCH, ~~APRIL~~, 1918.







The Present Situation.

A depression has arrived over the St.George's Channel from the Westward, while a shallow ill-defined disturbance lies over the north of Scotland. Pressure is highest over Central Russia, and relatively high over the Mediterranean and thence to the Azores. The barometer is falling decidedly in North Wales and the NW. of England, falling slowly in the SE of England, and rising slowly in the SW. The SW'ly wind is strong to a gale in the English and Bristol Channels, and the E'ly wind is strong at Holyhead, but elsewhere the force is moderate or light, except in Scotland where there is a high wind from SE. Rain is falling at some stations in the W and N of these Islands, as well as at Spurn Head, Biarritz, and on the coast of Portugal. Fog prevails at Donaghadee, Aberdeen and the Halder.

During the subsequent 24 hours the western depression moved very slowly ENE'd and became less deep, while that over Scotland dispersed. The wind over our W districts shifted to the NW'd and moderated in force, but temperature underwent little change. A shallow depression developed over the S of France during Sunday night, causing some rain over a considerable portion of that country.

H. H.

R. G. K. LEMPFERT, C.B.E., Superintendent, Forecast Division. SIR NAPIER SHAW, Director

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 99. SUNDAY, 31ST MARCH

	STATIONS.	Evening of 30th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 31st: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 a.m. 31st: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 30th. Hours.
BRITISH ISLANDS.	Lerwick ...	992.6	43	S	5	om	992.3	0	41	0	SE	7	-	rq	6	3	43	40	om	om	omqrq	*
	Deerness (Orkney)	990.5	42	SSE	5	ogm	988.8	*	42	+2	SE	5	-	fd	5	6	43	40	oe	oeq.	ofd.	0.0
	Stornoway ...	988.0	42	SW	5	o	987.8	+1	41	-2	NW	1	-	o	0	4	47	40	oq	odpo.	op	0.1
	Castlebay (Barra Isd.)	988.0	44	SE	3	o	987.3	0	43	-3	NE	2	-	o	2	2	46	43	or	ro.	o	0.0
	Glasgow ...	988.7	41	E	3	o. cm	987.3	-1	40	+1	-	0	-	md	*	17	42	39	orm	orsm	omsmd	0.0
	Eskdalemuir ...	988.2	43	SSE	3	odm	986.9	-1	40	+4	N	1	-	c	*	4	44	36	o.c.or.	od.odm	odm.om	0.1
	Malin Head ...	987.6	46	NW	1	c	985.9	-1	42	3	ENE	3	-	og	2	3	47	40	cmr	cmp	om	0.0
	Blacksod Point	987.8	47	SW	3	bc	984.8	0	44	-3	NE	3	NE	cg	3	-	52	42	bc	bc	bc.cg.	*
	Valencia (Cahirciveen)	987.3	50	S	3	o	983.0	+1	43	-4	-	0	-	or	4	6	55	43	op.c.bc	bc.c.o	o.or.	5.3
	Roche's Point	990.1	48	SW	3	o	981.7	*	42	-6	WNW	2	-	r	3	15	55	42	op.bc	bc.c.o.	or	*
	Birr Castle ...	988.6	49	W	1	c	982.4	*	43	-4	N	1	-	r	*	8	56	42	ox.c	c	od.	5.3
	Donaghadee ...	987.9	47	WNW	3	cmp	985.3	-2	42	-1	ESE	4	-	f	3	4	48	41	ofr	ofr.cm	bcm of	*
	Liverpool (Bidston)	990.4	45	WSW	3	bc	988.8	-6	42	-3	E	4	-	og	3	4	49	39	ro.	o.c.	or	0.2
	Holyhead ...	990.1	48	SW	4	cg	980.5	-8	44	-1	E	6	E	cu	4	2	51	43	od.ef.o	op.c.bc	c.b oro.	2.1
	Pembroke (St. Ann's)	992.9	47	SSW	3	b	979.8	+4	45	-2	WSW	4	-	or	5	8	49	44	ofd.bc	bc b.	b.or	6.7
	Hartland Quay	994.1	49	SSW	4	bc	982.9	+3	48	-2	SW	9	-	oq	7	7	53	46	dmf bc	bc.o.bc.	o orqp	*
	Scilly (St. Mary's)	995.3	50	SSE	2	om	985.9	+3	47	-2	W	7	W	c	6	5	54	44	b	bc.c.om	orq.cp	6.7
	Falmouth ...	994.3	50	SSW	4	cm	985.5	+2	47	-3	SW	7	-	cq	*	8	57	45	bc bc.	bc cq.c	orq/pq	5.6
	Jersey (St. Aubin)	998.1	51	W	4	b	993.2	*	48	+1	SSW	4	-	b	4	7	52	46	dmroe	old.b.	b	1.8
	Portland Bill ...	995.0	48	WSW	4	bc	987.9	-1	48	+3	SW	6	SW	bc	5	12	49	45	or.c.	c bc	rc.bc	*
	Dungeness ...	994.2	46	SW	3	o	991.6	-2	47	+3	WSW	4	-	b	4	11	47	44	c.oqr	or.o.	cp.bcb.	*
	Dover	*	*	*	*	*											*		*			
	Wick	990.3	43	SSE	4	omg	988.8	+1	42	+2	SSE	3	-	r	4	3	44	39	od.omg	omg	omr.d	*
	Nairn	988.5	44	-	0	dmo	987.6	*	39	-1	-	0	-	oum	0	4	50	39	o.cd.	cmd.o	dmo.	0.0
	Aberdeen ...	991.3	41	SSE	4	r	988.7	0	42	+1	SE	4	-	f	3	10	46	41	c.oq	oqr.	ordmf	1.2
	Leith	988.1	43	E	1	dm	986.4	0	43	+2	SW	1	-	dm	1	6	48	40	cm.c.o	r	r.omd	*
	Tynemouth ...	990.6	42	SE	4	mr	987.9	-1	43	+5	SW	3	-	o	4	1	44	38	omp	omp	omp	*
	Spurn Head ...	992.6	44	SSE	4	orm	988.6	-2	42	+1	SSE	4	-	or	4	5	44	38	o	or	f or.	1.1
	Yarmouth (Gorleston)	996.2	43	SSE	3	omr	991.7	-5	43	+3	SSW	4	-	omp	4	6	45	40	bcmo.	cm	omrf	1.2
	Clacton-on-Sea	994.5	45	SE	3	ogmr	990.6	-2	45	+3	SSE	3	-	c	2	9	45	42	c.og.	ogmr	ogrc.	0.0
	Nottingham ...	991.9	48	S	2	o	986.3	*	45	+8	SSE	2	S	c	*	7	49	36	or.	ro.	o.c	0.0
	Benson (Oxon.) ...	993.9	50	SW	3	b	987.7	0	46	+7	SSW	5	-	o	*	5	51	39	or	ro.bc	or	*
	Sth Farnborough	994.6	47	W	2	b	989.4	-1	47	+7	SSW	6	-	c	*	8	53	40	orm	orm.b.	bo.o.c	1.1
	Salisbury Plain	993.8	48	W	2	c	988.2	-3	45	+3	SSW	6	-	o	*	7	52	41	or	oc.	oqr	*
	London (Kew Obsy.)	994.9	50	SW	2	cm	989.3	-2	47	+8	SSW	4	-	bm	*	13	50	39	om.od.or	or.orm.om.	ombm.bor	0.0
NORTHERN EUROPE.	Spitsbergen ...	994.4	-2	NW	1	bc	997.1	+2	-2	-5	SE	2	*	S	*	*	3	-17				
	Vardö	1001.0	28	SW	2	o	1003.9	+1	30	0	SW	2	-	bc	4	*	30	18				
	Bodö	1001.6	36	E	1	b	1005.5	-3	39	+5	E	1	-	b	1	-	39	30				
	Christiansund ...	1001.0	39	-	0	o	1003.9	+2	43	+9	SE	3	-	b	4	-	43	30				
	Skudesnaes ..	1000.6	41	S	2	c	1000.7	0	41	+2	ESE	4	-	b	2	-	41	37				
	Færder (X'ania Fjord)	1007.5	37	NE	1	m	1008.2	+1	36	0	E	2	-	o	1	-	39	36				
	The Scaw (Skagen)	1005.0	39	SE	2	c	1005.6	0	37	•	SE	4	-	o	4	-	41	37				
	Blaavands Huk	1003.4	41	S	2	o	1000.8	-1	37	-2	ESE	3	-	b	*	-	46	32				
	Copenhagen ...	1007.2	41	SSE	2	bc	1007.1	+1	36	-1	SE	6	-	b	*	-	46	34				
	Bornholm ...	1007.9	39	SE	2	m	1008.0	0	34	-3	SE	5	-	b	1	-	37	30				
FRANCE, &c.	The Helder ...	998.6	45	E	2	bc	994.2	-1	43	+2	SSW	3	-	f	1	-	48	41				
	C. Gris Nez ...	994.8	46	SW	3	r	993.2	-3	46	+5	SW	5	*	c	4	12	50	41				
	La Hève	998.6	48	W	6	bc	995.0	*	46	+1	SW	5	*	b	5	4	50	45				
	Brest (St. Mathieu)	998.8	50	S	4	o	993.5	+1	48	-2	SW	6	*	c	7	5	54	46				
	Rochefort (Ile d'Aix)	1004.8	52	WSW	5	c	1002.2	-1	50	0	WSW	4	*	o	*	12	55	50				
	Biarritz	1007.0	61	NE	2	bc	1006.0	+1	51	-	SSE	3	*	r	3	5	66	50				
	Paris	999.1	52	WSW	3	c	998.4	+2	48	+3	SSW	3	W	c	*	13	54	45				
	Belfort	1004.7	43	WSW	6	r	1003.9	*	44	+3	E	2	*	c	*	11	51	40				
	Lyons	1006.2	46	S	3	r	1005.4	*	45	+3	W	2	*	r	*	5	55	42				
	Nice	1009.5	46	-	0	o	1007.6	+2	50	+6	-	0	*	bc	2	-	59	44				
	Perpignan ..	1009.1	55	-	0	o	1005.2	+1	52	+2	SW	1	W	o	*	-	66	34				
	Sanguinaire ...							*					*									
SOUTHERN STATIONS.	Corunna	1005.8	63	SW	5	r	1005.1	-1	50	.	SW	3	-	o	3	1	64	48				
	Madrid	1013.9	55	WSW	2	o	1010.6	-2	50	.	SW	2	-	o	*	?	59	46				
	Lisbon	1016.6	59	SW	4	o	1011.8	-3	55	-2	SW	5	-	r	5	8	59	55				
	Azores (Horta) ...	1017.8	*	WNW	5	o	1019.2	+1	54	-1	NNE	3	*	o	2	1	63	54				
	Madeira	1022.4	61	N	2	bc	1020.7	-2	54	-1	N	2	-	b	2	-	61	54				
	Gibraltar							*					*									
	Malta	*	*	*	*	*	1014.8	+1	55	0	WNW	1	-	c	0	-	61	52				
	Limassol	*	*	*	*	*	1013.4	0	54	-1	-	0	-	bc	0	Trace	64	39				
	Alexandria ...	1014.0	59	NW	2	bc	1015.9	0	55	-8	-	0	-	b	0	-	68	52				
	Cairo (Helwan) ...	1013.0	59	N	3	b	1014.6	+2	54	-1	NW	1	-	c	*	-	70	50				

LONDON, 31st March 9h. G.M.T.	Humidity. 15h. 30th	Humidity. 9h. 31st	Sunshine for 30th	24 hours ended 9h. 31st: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	97	74	0.0	50	41	33	10.9	or	or	c.bc.o
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	96	74		52	*	35	9.7	odr	r	odr.bc
CAMDEN SQ. (British Rainfall) ..	?	74	0.0	56	40	32	13.0	-	-	*
S. KENSINGTON (Roof of M.O.)	*	76	0.0	50	45	*	10.0	c.or.	cr.r.	bcq.c

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 30th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
270	5.9	19.5

The thermometers at Greenwich and Camden Square are in Glaisher screens.

BEAUFORT NOTATION.

- b blue sky (not more than a quarter of the sky covered).
- bc sky partly cloudy (one half covered:
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling, a copious deposit of water on trees, buildings or rigging
- f fog.
- g gloom.
- h hail.
- l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility. The horizon or distant hills unusually clear.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.